

Safety Data Sheets

Finance



Bldg G, Bisbee

11/25/2019

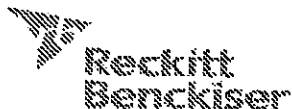


Safety Data Sheet Index

Binder: Bldg G, Bisbee - Finance

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MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name

AIR WICK® Air Freshener (Aerosols All Scents)

CAS #

Mixture

This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

Air freshener

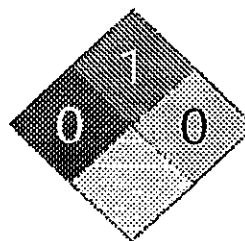
Product Use

Distributed by

Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225
In Case of Emergency: 1-800-338-6167
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	1	0
Flammability	1	
Physical Hazard	0	
Personal Protection	B	



2. Hazards Identification

Emergency overview

CAUTION

EYE IRRITANT. Prolonged or frequent skin contact may cause an allergic reaction. CONTENTS UNDER PRESSURE.

DO NOT spray towards face. Avoid contact with eyes and skin. CONTAINER MAY EXPLODE IF HEATED. Do not puncture or incinerate container. DO NOT expose to heat or store at temperatures above 120°F (49°C) as the container may burst.

KEEP OUT OF REACH OF CHILDREN AND PETS.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation.

Eyes

None expected during normal conditions of use.

May cause eye irritation upon direct contact with the eyes.

Skin

None expected during normal conditions of use.

Prolonged or frequent skin contact may cause an allergic reaction.

Inhalation

None expected during normal conditions of use.

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Ingestion

Health injuries are not known or expected under normal use.

Target organs

Eyes.

Chronic effects

The finished product is not expected to have chronic health effects.

Signs and symptoms

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

OSHA Regulatory Status

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects

This product has not been tested.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Propane	74-98-6	7 - 13
Butane	106-97-8	10 - 30
Ethane, 1,1-difluoro-	75-37-6	10 - 30

4. First Aid Measures

First aid procedures

Eye contact

If in eyes, IMMEDIATELY rinse eyes with plenty of water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.

Skin contact

If on skin, wash with soap and water. If irritation develops, get medical attention.

Inhalation

Move to fresh air in case of accidental inhalation of vapors.

Ingestion

Rinse mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING.

Notes to physician

Treat patient symptomatically.

General advice

Do not puncture or incinerate container. Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit www.inhalant.org.

5. Fire Fighting Measures

Flammable properties

Non-flammable aerosol by flame projection test.

NFPA AEROSOL LEVEL: Flammability Rating 1, per NFPA 30B

Extinguishing media

Suitable extinguishing media

Dry chemical. Foam.

Unsuitable extinguishing media

Water. Water spray.

Protection of firefighters

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.

Protective equipment for firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products

May include and are not limited to: Oxides of carbon.

Explosion data

Sensitivity to mechanical impact

Not available

Sensitivity to static discharge

Not available

6. Accidental Release Measures

Personal precautions

Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep unnecessary personnel away.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

Do not contaminate water.

Do not allow material to contaminate ground water system.

Advise authorities if product has penetrated drains, sewers or water pipes.

Methods for containment

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up

Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

7. Handling and Storage

Handling

Ensure adequate ventilation.
DO NOT spray towards face.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn after use. Keep away from all sources of ignition. Fires involving aerosols with flammable contents are severe and can spread quickly. Warehouses or stores containing aerosols should therefore be separated from other areas by a fire resistant construction. Stores should be well ventilated. The natural ventilation in a large open warehouse building will normally be suitable.
Do not spray on a naked flame or any other incandescent material.
Use good industrial hygiene practices in handling this material.
When using do not eat or drink.
Wash hands before breaks and immediately after handling the product.

Storage

DO NOT expose to heat or store at temperatures above 120°F (49°C) as the container may burst.
Do not puncture or incinerate container.
CONTAINER MAY EXPLODE IF HEATED.
Keep away from heat, open flames or other sources of ignition.
Store in a cool place.
Keep out of reach of children.

NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit www.inhalant.org.

8. Exposure Controls / Personal Protection

Exposure limits**Ingredient(s)****Exposure Limits****Butane**

ACGIH-TLV
TWA: 1000 ppm
OSHA-PEL
Not established

Ethane, 1,1-difluoro-

ACGIH-TLV
Not established
OSHA-PEL
Not established

Propane

ACGIH-TLV
TWA: 1000 ppm
OSHA-PEL
TWA: 1000 ppm

Engineering controls

Provide adequate ventilation.

Personal protective equipment

Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.

Eye / face protection

Not required under normal use conditions. Emergency responders should wear full eye and face protection.

Hand protection

No special requirements under normal use conditions. Emergency responders should wear impermeable gloves.

Skin and body protection

No special requirements under normal use conditions. Prolonged or frequent skin contact may produce an allergic reaction in some individuals.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean up operations.

General hygiene considerations

Avoid contact with skin, eyes and clothing. Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Aerosol.
Color	Clear
Form	Misty spray
Odor	Characteristic
Odor threshold	Not available
Physical state	Gas
pH	Not available
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available

10. Stability and Reactivity

Reactivity	This product may react with oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition. Protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Extremes of temperatures can occur in cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn after use. Do not spray on a naked flame, onto or near a fire, or any incandescent material such as an electric fire. Aerosol containers are unstable at temperatures above 49°C (120.2°F).
Incompatible materials	Caustics. Oxidizers. Acids.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Butane	Not available
Ethane, 1,1-difluoro-	> 64000 ppm rat
Propane	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Butane	Not available
Ethane, 1,1-difluoro-	1500 mg/kg rat
Propane	Not available
Effects of acute exposure	
Eye	None expected during normal conditions of use. May cause eye irritation upon direct contact with the eyes.
Skin	None expected during normal conditions of use. Prolonged or frequent skin contact may cause an allergic reaction.
Inhalation	None expected during normal conditions of use. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Ingestion	Health injuries are not known or expected under normal use.
Sensitization	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	The finished product is not expected to have chronic health effects.
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	This product has not been tested.
Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations. Container disposal: Empty containers may be included with domestic refuse for disposal to a landfill. This container may also be recycled in communities where aerosol container recycling is available. Before offering for recycling, empty the can or use the product according to the label instructions.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

UN 1950, Aerosols, Class 2.1, Limited Quantity

Transportation of Dangerous Goods (TDG - Canada)

UN 1950, Aerosols, Class 2.1, Limited Quantity

IMDG (Marine Transport)

UN 1950, Aerosols, Class 2.1, Limited Quantity

IATA/ICAO (Air)

UN 1950, Aerosols, Flammable, Class 2.1

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - Yes
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Butane 106-97-8 Present

U.S. - Massachusetts - Right To Know List

Butane 106-97-8 Present

Ethane, 1,1-difluoro- 75-37-6 Present

Propane 74-98-6 Present

U.S. - Minnesota - Hazardous Substance List

Butane 106-97-8 Present

Propane 74-98-6 Simple asphyxiant

U.S. - New Jersey - Right to Know Hazardous Substance List

Butane 106-97-8 sn 0273

Ethane, 1,1-difluoro- 75-37-6 sn 0715

Propane 74-98-6 sn 1594

U.S. - Pennsylvania - RTK (Right to Know) List

Butane 106-97-8 Present

Propane 74-98-6 Present

U.S. - Rhode Island - Hazardous Substance List

Butane 106-97-8 Toxic; Flammable

Propane 74-98-6 Toxic; Flammable

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information

AIR WICK® 4-In-1 Air Freshener - Apple Cinnamon Medley, 8 oz - 0.188360v2.0
AIR WICK® 4-In-1 Air Freshener - Cool Linen & White Lilac, 8 oz - 0192143v2.0
AIR WICK® 4-In-1 Air Freshener - Fresh Waters, 8 oz - 0192143v2.0
AIR WICK® 4-In-1 Air Freshener - Lavender & Chamomile, 8 oz - 0121604v2.0
AIR WICK® 4-In-1 Air Freshener - Magnolia & Cherry Blossom, 8 oz - 0188398v2.0
AIR WICK® 4-In-1 Air Freshener - Papaya & Mango, 8 oz - 0188364v2.0
AIR WICK® 4-In-1 Air Freshener - Rain Garden, 8 oz - 0188387v2.0
AIR WICK® 4-In-1 Air Freshener - Sparkling Citrus, 8 oz - 0188375v2.0
AIR WICK® 4-In-1 Air Freshener - Vanilla Indulgence, 8 oz - 0188341v2.0
AIR WICK® Air Freshener - Serene Waters (National Parks - Glacier Bay), 8 oz - 0192143v2.0
AIR WICK® Air Freshener - Tropical Sunset (National Parks - Hawaii), 8 oz - 0.188364v2.0
AIR WICK® Air Freshener - Vanilla Sugar Cookies (Festive Moments), 8 oz - 0299270v2.0
AIR WICK® Air Freshener - Warm Apple Pie (Festive Moments), 8 oz - 0340663v1.0

Issue date

26-Sep-2012

Effective date

15-Sep-2012

Prepared by

Reckitt Benckiser Regulatory Department 800-333-3899

Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.



The Clorox Company
1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

Material Safety Data Sheet

I Product: CLOROX® DISINFECTING WIPES														
Description: FRAGRANCED, MOISTENED TOWELETTE														
Other Designations	Distributor	Emergency Telephone Nos.												
EPA Reg. No. 5813-58	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300												
II Health Hazard Data		III Hazardous Ingredients												
Eye Contact: Can cause moderate eye irritation. Ingestion: Liquid should be practically non-toxic if ingested. Skin Contact: Prolonged skin contact may produce minor irritation. FIRST AID: EYES- Flush with plenty of water. Call a physician if irritation persists. IF SWALLOWED- Drink a glassful of water. Call a physician or poison control center. SKIN- Wash thoroughly with soap and water after handling. INHALATION- If breathing is affected, move to fresh air. Under normal consumer use conditions the likelihood of any adverse health effects are low.		<table border="1"><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>n-Alkyl (C14, 60%; C16, 30% C12, 5%; C18, 5%) dimethylbenzyl ammonium chloride</td><td>0.145%</td><td>Not established</td></tr><tr><td>n-Alkyl (C12, 68%, C14, 32%) Dimethyl Ethylbenzyl ammonium chloride</td><td>0.145%</td><td>Not established</td></tr><tr><td>Isopropanol CAS #67-63-0</td><td>1- 5%</td><td>400 ppm/500 ppm¹ 400 ppm²</td></tr></tbody></table> ¹1998 ACGIH, TLV-TWA/STEL TLV-TWA- Threshold Limit Value-Time Weighted Average. STEL- Short Term Exposure Limit ²PEL- OSHA Permissible Exposure Limit None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.	Ingredient	Concentration	Worker Exposure Limit	n-Alkyl (C14, 60%; C16, 30% C12, 5%; C18, 5%) dimethylbenzyl ammonium chloride	0.145%	Not established	n-Alkyl (C12, 68%, C14, 32%) Dimethyl Ethylbenzyl ammonium chloride	0.145%	Not established	Isopropanol CAS #67-63-0	1- 5%	400 ppm/500 ppm ¹ 400 ppm ²
Ingredient	Concentration	Worker Exposure Limit												
n-Alkyl (C14, 60%; C16, 30% C12, 5%; C18, 5%) dimethylbenzyl ammonium chloride	0.145%	Not established												
n-Alkyl (C12, 68%, C14, 32%) Dimethyl Ethylbenzyl ammonium chloride	0.145%	Not established												
Isopropanol CAS #67-63-0	1- 5%	400 ppm/500 ppm ¹ 400 ppm ²												
IV Special Protection and Precautions		V Transportation and Regulatory Data												
No special protection or precautions have been identified for using this product under directed consumer use conditions. The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large-scale or prolonged exposure. Hygienic Practices- Wear safety glasses. Use rubber or nitrile gloves if in contact liquid, especially for prolonged periods. Engineering Controls: Use general ventilation to minimize exposure to vapor or mist. Work Practices: Avoid eye and skin contact and inhalation of vapor or mist. Avoid contact with food. Not for personal cleansing. KEEP OUT OF THE REACH OF CHILDREN		U.S. DOT, IATA, IMG Hazard Class: Not restricted. U.S. DOT Proper Shipping Name: None EPA- SARA Title III/CERCLA: Product may be regulated under Sections 311/312. This product contains no chemicals regulated under Section 304/CERCLA or Section 313. TSCA/DSL: All chemicals in this product are listed on the TSCA Inventory. The DSL status for some components has not been determined.												
VI Spill Procedures/Waste Disposal		VII Reactivity Data												
Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material. Waste Disposal: Disposal must be made in accordance with applicable federal, state and local regulations.		Stability: Mixing with sodium hypochlorite may release small amounts of formaldehyde gas. Storage/Disposal: Do not use or store near heat or open flame.												
VIII Fire and Explosion Data		IX Physical Data												
Flashpoint: >119°F Method: Closed cup. Unusual Fire and Explosion Hazards: None		Flashpoint..... >119°F Specific Gravity..... 0.99 g/cc. pH..... 5.0-6.0 Solubility in Water..... Liquid is completely dispersible												

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DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH

DATE PREPARED 7/06

#2000951

MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards 	HMIS HAZARD RATINGS <table style="width: 100%;"> <tr> <td>HEALTH</td> <td>1</td> <td>0 = INSIGNIFICANT</td> <td>3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 = MODERATE</td> <td></td> </tr> </table> TRANSPORTATION INFORMATION PROPER SHIPPING NAME: Not Regulated HAZARD CLASS / PKG GRP: None / None REF: Not Applicable IDENTIFICATION NUMBER: None LABEL: None Required	HEALTH	1	0 = INSIGNIFICANT	3 = HIGH	FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME	REACTIVITY	0	2 = MODERATE	
HEALTH	1	0 = INSIGNIFICANT	3 = HIGH										
FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME										
REACTIVITY	0	2 = MODERATE											

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

Dollar General Glass & Surface Cleaner

Page 1 of 2

MANUFACTURER'S NAME

Ameriplus, Inc. / Crest Products, Inc.

EMERGENCY TELEPHONE NUMBER

Chemtec (800) 424-9300

ADDRESS (NUMBER, STREET, P.O. BOX)

P.O. Box 1739

TELEPHONE NUMBER FOR INFORMATION

(813) 855-6688

(CITY, STATE AND ZIP CODE)

Oldsmar, FL 34677

DATE PREPARED: January 11, 2002

SUPERSEDES: New

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS

(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))

CAS #

%
(OPTIONAL)

OSHA PEL

ACGIH TWA

SARA

RQ

PPM

MG/M³

PPM

MG/M³

TITLE III

LBS

Isopropyl alcohol

67-63-0

1 - 5

400

980

400

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Breathing concentrated vapors may cause irritation of respiratory tract.

Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

SKIN: Prolonged contact may cause irritation.

Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

EYES: Contact with eyes will cause irritation.

Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

INGESTION: May cause gastric distress, vomiting and diarrhea.

Drink large quantities of water or milk; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention immediately.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

Form revised 09 / 01

MATERIAL SAFETY DATA SHEET			
IDENTITY (AS USED ON LABEL AND LIST) Dollar General Glass & Surface Cleaner			Page 2 of 2 Date: January 11, 2002
SECTION 4 - FIRE FIGHTING MEASURES			
FLASH POINT (METHOD USED) Non-flammable	NFPA RATING None	FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable	
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam			
SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			
SECTION 5 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal.			
SECTION 6 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.			
SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section 2) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.			
VENTILATION	LOCAL EXHAUST: Required MECHANICAL (GENERAL): Yes	SPECIAL: To maintain minimum TWA and STEL levels. OTHER: Engineering and work controls as required.	
PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.		EYE PROTECTION: Protective eyeglasses or chemical safety goggles.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to minimize skin contact.			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.			
SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES			
BOILING POINT 212° F		SPECIFIC GRAVITY (WATER = 1) 1.030	
VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20 ° C		pH 10.04	
VAPOR DENSITY (AIR = 1) < 1		EVAPORATION RATE (WATER = 1) < 1	
SOLUBILITY IN WATER Complete		% VOLATILE (BY WEIGHT) > 99%	
APPEARANCE AND ODOR Purple liquid, lemon-lime odor			
SECTION 9 - STABILITY AND REACTIVITY			
STABILITY UNSTABLE: STABLE: XXX		CONDITIONS TO AVOID: Extreme temperatures	
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.			
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX		CONDITIONS TO AVOID: None	
SECTION 10 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for alkaline materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.			
The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.			

MSDS PREPARED BY: CDB, Inc., P.O. Box 5604, Lakeland, FL 33807 (863) 644 - 3298 www.compdatabase.com



Dust-Off Compressed Gas Duster

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Date of issue: 10/15/2015

Revision date: 5/15/2018

Version: 2.0

SECTION 1: Identification

1.1. Product identifier

Substance name : Dust-Off Compressed Gas Duster
Product code : 3.5 oz., 7 oz., 10 oz., Professional 12 oz., Jumbo 17 oz., Classic and Plus

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Dust Removal

1.3. Details of the supplier of the safety data sheet

Falcon Safety Products, Inc.
25 ImClone Drive
Branchburg, NJ 08876 - USA
T (908) 707-4900

1.4. Emergency telephone number

Emergency number : (800) 498-7192

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US and GHS-CA classification

Flam. Aerosol 2
Press. Gas (Liquified Gas)

2.2. Label elements

GHS-US and GHS-CA labelling

Hazard pictograms (GHS-US/GHS-CA) :



Signal word (GHS-US/GHS-CA) : Warning
Hazard statements (GHS-US/GHS-CA) : Flammable aerosol. Contains gas under pressure; may explode if heated.
Precautionary statements (GHS-US/GHS-CA) : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.

2.3. Other hazards

Do not store in enclosed vehicle.

2.4. Unknown acute toxicity (GHS US/GHS CA)

Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%
1,1-Difluoroethane	(CAS No) 75-37-6	100

3.2. Mixture

Not applicable.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists. May cause frostbite.

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- | | |
|--------------------------------------|---|
| First-aid measures after eye contact | : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention. |
| First-aid measures after ingestion | : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |

4.2. Most important symptoms and effects, both acute and delayed

- | | |
|--------------------------------------|---|
| Symptoms/injuries after inhalation | : May cause respiratory tract irritation. May cause drowsiness, dizziness and central nervous system depression. |
| Symptoms/injuries after skin contact | : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause frostbite on contact with the liquid. |
| Symptoms/injuries after eye contact | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause frostbite on contact with the liquid. |
| Symptoms/injuries after ingestion | : Not a normal route of exposure. |

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- | | |
|--------------------------------|---|
| Suitable extinguishing media | : Water spray, water fog, dry chemical, alcohol resistant foam, carbon dioxide. |
| Unsuitable extinguishing media | : None known. |

5.2. Special hazards arising from the substance or mixture

- | | |
|------------------|--|
| Fire hazard | : Flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon, hydrofluoric acid, carbonyl fluoride. |
| Explosion hazard | : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |

5.3. Advice for firefighters

- | | |
|--------------------------------|---|
| Firefighting instructions | : DO NOT fight fire when fire reaches explosives. Evacuate area. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. |
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- | | |
|------------------|---|
| General measures | : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. |
|------------------|---|

6.2. Methods and material for containment and cleaning up

- | | |
|-------------------------|--|
| For containment | : Ventilate the area thoroughly, especially low lying areas (basements, workpits etc). |
| Methods for cleaning up | : Leave the product to evaporate. Provide ventilation. |

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- | | |
|-----------------------------------|--|
| Additional hazards when processed | : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use. Keep away from sources of ignition - No smoking. |
| Precautions for safe handling | : Do not spray on an open flame or other ignition source. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Provide local exhaust or general room ventilation. When using do not eat, drink or smoke. Prevent the build-up of electrostatic charge. Use non-sparking tools. |
| Hygiene measures | : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. |

7.2. Conditions for safe storage, including any incompatibilities

- | | |
|--------------------|--|
| Technical measures | : Proper grounding procedures to avoid static electricity should be followed. |
| Storage conditions | : Keep out of the reach of children. Keep container dry and in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep in fireproof place. Store in original container. Do not store in enclosed vehicle. |

7.3. Specific end use(s)

Not available.

Dust Off Compressed Gas Duster

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,1-Difluoroethane (75-37-6)	
ACGIH	Not applicable.
OSHA	Not applicable.
NIOSH	Not applicable.
IDLH	Not applicable.

8.2. Exposure controls

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: Wear suitable gloves.
Eye protection	: Safety glasses with side shields.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gas
Appearance	: Clear
Color	: Colourless
Odor	: Slight, ether-like
Odor threshold	: No data available
pH	: Neutral
Melting point	: No data available
Freezing point	: No data available
Boiling point	: -13 °F (- 25 °C)
Flash point	: < 58 °F (<14.4 °C)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Flammable
Explosion limits	: 3.9-16.9
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: 5960 kPa at 77 °F (25 °C)
Relative density	: 0.91
Relative vapor density at 20 °C	: 2.4 at 77 °F (25 °C)
Specific gravity / density	: 0.9
Solubility	: Slightly
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available.

Dust Off Compressed Gas Duster

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal storage conditions. Flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat. Incompatible materials. Sources of ignition. Do not expose to temperatures exceeding 50 °C/ 122 °F.

10.5. Incompatible materials

Alkali and alkaline earth metals. Powdered metals. Powdered metallic salts.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon, hydrofluoric acid, carbonyl fluoride.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Dust Off Compressed Gas Duster	
LD50 oral rat	1500 mg/kg
LD50 dermal rabbit	No data available
LC50 inhalation rat	64000 ppm

Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory tract irritation. May cause drowsiness, dizziness and central nervous system depression.
Symptoms/injuries after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause frostbite on contact with the liquid.
Symptoms/injuries after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause frostbite on contact with the liquid.
Symptoms/injuries after ingestion	: Not a normal route of exposure.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Dust Off Compressed Gas Duster	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Dust Off Compressed Gas Duster	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

Dust Off Compressed Gas Duster

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible. Container under pressure. Do not drill or burn even after use.
- Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

- In accordance with DOT
- UN-No. (DOT) : UN1030
- Proper Shipping Name (DOT) : 1,1-Difluoroethane
- Transport hazard class(es) (DOT) : 2.1
- Hazard labels (DOT) :



- Packaging Exceptions : Falcon Safety Products has been granted a DOT special permit. A copy of DOT Special Permit SP-11516 can be obtained by calling Falcon Safety Products, Inc. at 908-707-4900.

Transportation of Dangerous Goods (TDG)

- In accordance with TDG
- UN-No.(TDG) : UN1030
- Proper Shipping Name (TDG) : 1,1-Difluoroethane
- Class (TDG) : 2.1
- Hazard labels (TDG) :



- Packaging Exceptions : TDG Canada: Falcon Safety Products has been granted Equivalency Certificate SU 9211 (ren. 1) by the TCSS, TDGD to offer for transport by road, rail and marine.

Transport by sea

- UN-No. (IMDG) : UN1030
- Proper Shipping Name (IMDG) : 1,1-DIFLUOROETHANE (REFRIGERANT GAS R 152a)
- Class (IMDG) : 2.1

Air transport

- UN-No. (IATA) : UN1030
- Proper Shipping Name (IATA) : 1,1-Difluoroethane
- Class (IATA) : 2.1

Additional information

- Other information : No supplementary information available.
- Special transport precautions : Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

1,1-Difluoroethane (75-37-6)

Listed on the Canadian DSL (Domestic Substances List)

15.2. US State regulations

Dust Off Compressed Gas Duster

State or local regulations	This product does not contain a chemical known to the State of California to cause cancer,
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Dust Off Compressed Gas Duster

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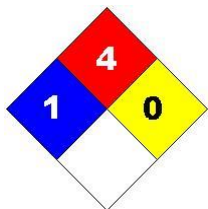
according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Dust Off Compressed Gas Duster	
	birth defects or other reproductive harm.

SECTION 16: Other information

Date of issue : 10/15/2015
Revision date : 5/15/2018
Other information : None.

Mexico Classification:



Blue = Health **Red = Flammability** **Yellow = Reactivity** **White = Special**

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Section 1. Identification

Product name : Expo White Board Cleaner

Material uses : Cleaning solutions.

Manufacturer : Newell Rubbermaid
3500 Lacey Road, 10th Floor
Downers Grove, IL 60515
USA
800-323-0749 or 630-829-2500

Emergency telephone number (with hours of operation) : CHEMTREC (U.S. and Canada) 1-800-424-9300

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

GHS label elements

Signal word : Not applicable

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

General : Read label before use. If medical advice is needed, have product container or label at hand.

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	CAS number
3-butoxypropan-2-ol	2 - 5	5131-66-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 3. Composition/information on ingredients

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Section 8. Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Clear.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Not available.
- Burning time** : Not applicable.
- Burning rate** : Not applicable.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : Not available.
- Solubility** : Not available.
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- SADT** : Not available.
- Viscosity** : Not available.

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
3-butoxypropan-2-ol	LD50 Dermal	Rabbit	3100 mg/kg	-

Irritation/Corrosion

No known significant effects or critical hazards.

Sensitization

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Carcinogenicity

No known significant effects or critical hazards.

Reproductive toxicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

No known significant effects or critical hazards.

Specific target organ toxicity (repeated exposure)

No known significant effects or critical hazards.

Aspiration hazard

No known significant effects or critical hazards.

Information on the likely routes of exposure : Not available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Section 11. Toxicological information

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Dermal	63798.6 mg/kg

Section 12. Ecological information

Toxicity

No known significant effects or critical hazards.

Persistence and degradability

No known significant effects or critical hazards.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
3-butoxypropan-2-ol	1.2	-	low

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

U.S. Federal regulations : **United States inventory (TSCA 8b):** All components are listed or exempted.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
3-butoxypropan-2-ol	2 - 5	Yes.	No.	No.	Yes.	No.

California Prop. 65

This product does not contain Chemicals known to State of California to cause cancer, birth defects, or reproductive harm.

Canada

WHMIS (Canada) : Not controlled under WHMIS (Canada).

Canadian lists

Canadian NPRI : The following components are listed: Propylene glycol butyl ether

CEPA Toxic substances : None of the components are listed.

Canada inventory : All components are listed or exempted.

Section 16. Other information

History

Date of issue/Date of revision : 8/5/2015

Date of previous issue : No previous validation

Version : 1

Prepared by : Product Safety.

Section 16. Other information

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
UN = United Nations

▀ Indicates information that has changed from previously issued version.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Schultz Company
P. O. Box 4408
Bridgeton, MO 63044-0406

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

Hazardous Material Identification System – (HMIS)

HEALTH – 1

REACTIVITY – 0

FLAMMABILITY – 0

PERSONAL –
Rubber gloves

I Trade Name: Garden Safe® Brand Houseplant & Garden Insect Killer

Product Type: Liquid ready-to-use insecticide

Product Item Number: HG-10422X-5

Formula Code Number: 21-0522

EPA Registration Number

Manufacturer

Emergency Telephone Numbers

478-125-39609

Chemsico
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873
For Information: 1-800-257-3379
Prepared by: C. A. Duckworth
Date Prepared: October 5, 2007

II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Pyrethrins	0.02	NA	5 mg/m ³
CAS# 8003-34-7			
Piperonyl butoxide	0.20	NA	NA
CAS# 51-03-6			

III Physical and Chemical Characteristics

Appearance & Odor: Spray mist with clear wet film.
Boiling Point: 215° F
Melting Point: NA
Vapor Pressure: NA
Specific Gravity: 1.0 (H₂O = 1)
Vapor Density: Greater than 1 (Air = 1)
% Volatile (by vol.): 99%
Solubility in Water: Greater than 99%
Evaporation Rate: Less than 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards Data

Flash Point: NA – Will not burn
Flammable Limits: NA
Autoignition Temperature: NA
Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical
Decomposition Temperature: NA
Special Fire-Fighting Procedures: Use procedures for elimination of original fire source.
Unusual Fire & Explosion Hazards: None. Also see Section V.

V Reactivity Data

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: None
Incompatible Materials: NA
Hazardous Decomposition or Byproducts: NA

VI Health Hazard Data

Ingestion (Swallowing): Harmful if swallowed. **First Aid:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Never give anything by mouth to an unconscious person. Skin Contact: Harmful if absorbed through skin. **First Aid:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. Eye Contact: Avoid contact with eyes. **First Aid:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first five minutes then continue rinsing eye. **Inhalation Toxicity:** If inhaled move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth. Avoid breathing vapors.

Special Notes: None
Health conditions Aggravated by Exposure: None under normal use
Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None

VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:
Avoid contact with liquid. Soak up with absorbent material.
Waste Disposal:
Do not reuse container. Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions.
Handling & Storage Precautions:
Do not store where temperatures can exceed 54° C/130° F.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT: Not Regulated by DOT (limited quantity exception)
IMDG: Not Regulated by IMDG (limited quantity exception)
IATA: Not Regulated by IATA (limited quantity exception)

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

Business Services

MATERIAL SAFETY DATA SHEET

TRADE NAME: GBC Synthetic Shredder Oil
General Binding Corp., One GBC Plaza, Northbrook, IL 60062
Phone: (847) 272-3700 / Fax: (847) 272-1389

Post-it® Fax Note 7671		Date <i>2/29/03</i>
To <i>Kathy</i>	From <i>GBC</i>	
Co./Dept.	Co.	
Phone #	Phone #	
Fax # <i>215 481 2278</i>	Fax #	

I. E-Z-1 Synthetic Lubricant / A.T.S., Inc.
8502 E. Chapman Ave. #385, Orange, CA 92869
Phone: (800) 343-3530 / Fax: (800) 343-3533

II. HAZARDOUS INGREDIENTS

Hazardous Determination: Material is not hazardous as defined by OSHA Hazard Communication Standard, 29CFR1910.1200.

Non-Hazardous Ingredient: 40 to 70 percent synthetic hydrocarbon-CAS# 68515-33-3
5 to 25 percent metallic salts CAS#-Mixture (trade secret). Components of this material is not known to be hazardous.

5 to 30 percent synthetic hydrocarbon CAS#-trade secret. This material is not known to be hazardous.

III. PHYSICAL DATA

Boiling Pt.: 650-790

Vapor Density: N/A

Appearance/Odor: lt. orange brown

Melting Point: minus 110° F

Vapor Pressure: NIL

Evaporation Rate: N/A

Specific Gravity: .895

% Volatile by Vol.: NIL

Solubility in H₂O: NIL

PH: neutral

IV. FIRE AND EXPLOSION DATA

Flash Pt. (test method): 380° F COC

Auto Ignition Temp. 555° F

Flammable Limits in Air: N/A

Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide

Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep containers cool. Water spray may be used to flush spills.

Unusual Fire/Explosion Hazard: Products or combustion may contain carbon monoxide, carbon dioxide or other materials. Do not enter enclosed or confined area without proper protective equipment including respiratory equipment.

V. HEALTH HAZARD INFORMATION

Inhalation: No volatiles, inhalation is unlikely route. Acute inhalation in rats LC50 Mg/Liter, greater than 2.0 (non toxic).

Skin Contact: Repeated exposure can cause irritation. Clothing (dry) and gloves (impenetrable). Wash off with soap and water. Primary skin irritation in rabbits: Ave. score: 1.88 (mild irritant). Skin absorption - unlikely. Use protective gear during continued or extreme exposure.

Eye Contact: Can cause irritation. Use safety glasses at all times, goggles when handling in overhead or when agitating. Eye irritant in rabbits. Washed-mild irritant. Unwashed-minimal irritant.

Ingestion: Oral LD50 (rat) at 5000 mg/kg. No deaths.

MSDS GBC Synthetic Shredder Oil continued:

Effects of Overexposure

Acute Overexposure: Potential skin and eye irritant.

Chronic Overexposure: Product may cause irritation to eyes, lungs or skin after product or repeated exposure. Overexposure may cause central nervous system depression.

Emergency and First Aid Procedures

Eyes: Wash with water for 15 minutes. If irritation persists, consult physician.

Skin: Use protective clothing for sensitive skin. Wash with soap and water to remove.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult.

Ingestion: If large amounts are ingested, do not induce vomiting. Consult physician as gastric lavage may be indicated.

VI. REACTIVITY DATA

Conditions Contributing to Instability: Generally stable, keep away from heat sources and open flame.

Incompatibility: Keep away from strong oxidizers.

Hazardous Decomposition Products: Generally none, except as carbon monoxide during incomplete combustion.

Conditions contributing to hazardous polymerization: none

VII. DISPOSAL, SPILL OR LEAK PROCEDURES

Aquatic Toxicity: none known

Waste Disposal Method: Use absorptive material and dispose at professional disposal complying with federal, state, and local regulations.

If Material is Spilled or Released: Contain spill immediately in smallest area possible. Soak up and dispose in professional disposal fashion. Keep out of sewers or bodies of water.

Neutralizing Chemicals: none indicated

VIII. SPECIAL PROTECTION INFORMATION

Ventilation: normal shop ventilation

Respiratory: none normally required except as noted in Sec. III.

Eye: Always wear safety glasses. Chemical goggles if danger of splash or drip exists.

Gloves: Recommend impervious type.

HMIS Rating: Health 1, Flammability 1, Reactivity 0, Personal Protection A.

IX. SPECIAL PRECAUTIONS

Not listed as carcinogen or potential carcinogen by NTP, IARC, or OSHA.

Handling or Storage Requirements: D.O.T. Label: not regulated

OSHA Label: not regulated

Product is Class III B combustible.

Liquid per NFPA Code No. 30-1984 Store/handle accordingly.

Revised: 1/03/01

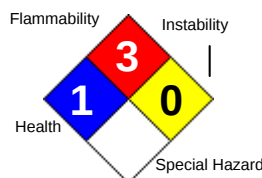
MATERIAL SAFETY DATA SHEET

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HEALTH	*	2
FLAMMABILITY		3
PHYSICAL		0
PPE	X	



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Revision: 11/07/2012
Supercedes Revision: 09/14/2012

1. Product and Company Identification

Product Code: CH500

Product Name: Goof Off Super Glue Remover

Manufacturer Information

Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113

Phone Number: (901)775-0100

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346

Information: W.M. Barr Customer Service (800)398-3892

Web site address: www.wmbarr.com

Preparer Name: W.M. Barr EHS Department (901)775-0100

Synonyms
FG677

Revision Date: 11/07/2012

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TWA	Other Limits
1. Acetone {2-Propanone}	67-64-1	60.0 -100.0 %	1000 ppm	500 ppm	No data.
2. N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	872-50-4	10.0 -30.0 %	No data.	No data.	No data.
Hazardous Components (Chemical Name)	CAS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. Acetone {2-Propanone}	67-64-1	No data.	No data.	750 ppm	No data.
2. N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	872-50-4	No data.	No data.	No data.	No data.

3. Hazards Identification

Emergency Overview

Danger! Extremely Flammable. Harmful if swallowed. Vapor harmful. Eye irritant.

Keep away from heat, sparks, flame and all other sources of ignition. Vapors may cause flash fire or ignite explosively. Vapors may travel long distances to other areas and rooms away from the work site. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition anywhere in the structure, dwelling, or building during use and until all vapors are gone from the work site. Keep away from electrical outlets and switches.

Forms or accumulates static electricity, may cause fire or explosion.

Potential Health Effects (Acute and Chronic)

Inhalation Acute Exposure Effects:

Vapor harmful. May cause dizziness, headache, watering of eyes, irritation of respiratory tract, drowsiness, nausea, and numbness in fingers, arms and legs. Inhalation of high vapor concentrations can cause central nervous system depression and narcosis. May lead to unconsciousness.

Skin Contact Acute Exposure Effects:

May cause skin irritation. Liquid is absorbed readily and can transport other toxins into the body. Prolonged or

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repeated skin contact with liquid may cause defatting resulting in drying, redness, cracking of the skin, and possible blistering.

Eye Contact Acute Exposure Effects:

This material is an eye irritant. Causes itching, burning, redness and tearing. May cause corneal injury.

Ingestion Acute Exposure Effects:

Harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage. May cause irritation of the gastrointestinal tract. May cause nausea and vomiting. May cause systemic poisoning with symptoms paralleling those of inhalation.

Chronic Exposure Effects:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. May cause weakness, fatigue, skin irritation, and numbness in hands and feet.

May cause target organ or system damage to the respiratory system, nervous system, kidney, blood system, and liver.

N-MethylPyrrolidone is in a family of chemicals that has shown toxicity to the fetus in lab animals at doses toxic to the mother.

Target Organs:

Eyes, skin, respiratory system, central nervous system, heart

Signs and Symptoms Of Exposure**Primary Routes of Exposure:**

Inhalation, ingestion, and dermal.

Medical Conditions Generally Aggravated By Exposure

Skin, eye, respiratory and asthma, cardiac irregularities

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

4. First Aid Measures

Emergency and First Aid Procedures**Skin:**

Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

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Note to Physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Flammability Classification: Class IB
Flash Pt: 0 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data available.

Fire Fighting Instructions

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards

Extremely Flammable! Vapors are heavier than air and may spread along floors. Forms or accumulates static electricity, may cause fire or explosion.

Do not spread this product over a large surface area because the fire and health safety risks will increase dramatically.

Hazardous Combustion Products

carbon monoxide, carbon dioxide

Extinguishing Media

Use carbon dioxide, dry powder, or alcohol-resistant foam.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures**Steps To Be Taken In Case Material Is Released Or Spilled**

Vapors may cause flash fire or ignite explosively.

Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large spills: Dike far ahead of spill for later disposal.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

7. Handling and Storage**Precautions To Be Taken in Handling**

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

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Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.

Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.

Precautions To Be Taken in Storing

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near any source of heat or flame, furnace areas, pilot lights, stoves, etc. Do not reuse this container. Use product within one year of purchasing.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors.

For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

Eye Protection

Splash goggles.

Protective Gloves

Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber, natural rubber, and neoprene may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.)

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: No data.
Boiling Point: 140 F
Autoignition Pt: No data.
Flash Pt: 0 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Specific Gravity (Water = 1): 0.832
Density: 6.92 LB/GA
Vapor Pressure (vs. Air or mm Hg): 185 MM HG at 68 F
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: > 1
Solubility in Water: Complete
Percent Volatile: 0 % by weight.
VOC / Volume: 170 G/L

Appearance and Odor

Clear colorless thin liquid.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]**Conditions To Avoid - Instability**

No data available.

Incompatibility - Materials To Avoid

Avoid contact with acids, aldehydes, alkalies, amines, ammonia, oxidizing agents, reducing agents, chlorine compounds.

May form explosive mixtures with chromic anhydride, chromyl alcohol, hexachloromelamine, hydrogen peroxide, permonosulfuric acid, potassium tertbutoxide, and thioglycol. Strong oxidizers.

Hazardous Decomposition Or Byproducts

Decomposition may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other asphyxiants.

Hazardous Polymerization: Will occur [] Will not occur [X]**Conditions To Avoid - Hazardous Polymerization**

No data available.

11. Toxicological Information

Toxicological Information

Acetone:

ACUTE TOXICITY:

LC50, rat, inhalation, 8 hrs, 50,000 mg/m3

LD50, rabbit, skin, 20,000 mg/kg

LD50, rat, oral, 5.8 g/kg

SKIN CORROSION / IRRITATION: Moderately irritating to skin. Prolonged or repeated skin contact can result in defatting and drying of the skin which may result in irritation or dermatitis.

SERIOUS EYE DAMAGE / IRRITATION: May cause moderate to severe irritation.

RESPIRATORY OR SKIN SENSITIZATION: Not a respiratory or skin sensitizer.

ASPIRATION HAZARD: Pulmonary aspiration hazard.

MUTAGENIC DATA: No data

IMMUNOTOXICITY: No data

NEUROTOXICITY: Clinical studies and case reports suggest slight neurological effects, mostly of the subjective

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type, in individuals exposed to varying concentrations of acetone. In most studies the subjects report discomfort, irritation of the eyes and respiratory passages, mood swings, and nausea following exposure to acetone vapor at concentrations of 500 ppm or higher. The fact that the effects subside following termination of exposure indicates that acetone may be the active compound, rather than a metabolite. Case reports of accidental poisoning also indicate that the effects (e.g., lethargy and drowsiness) are short-lived.

DEVELOPMENTAL/REPRODUCTIVE: Inhalation exposure to pregnant rats and mice did not cause statistically significant malformations in the offspring, but did result in lower fetal body weights in both species. Changes in testicular weight were observed in male rats following oral exposure and a premature menstrual period occurred in 3 of 4 women acutely exposed by inhalation. The significance of these endpoints of reproductive toxicity in men and women is unknown at this time.

CARCINOGEN STATUS: Not classifiable as to human carcinogenicity. Lack of data concerning carcinogenicity in humans or animals.

N-Methyl-2-Pyrrolidone:

ACUTE TOXICITY:

LD50 mouse, oral, 5,270 mg/kg, slightly toxic

LC50 rat, inhalation, >5.1 mg/L, 4 hr

LD50 rabbit, dermal, 4,000-8,000 mg/kg, moderately toxic

SKIN CORROSION / IRRITATION:

SERIOUS EYE DAMAGE / IRRITATION: Irritant (BASF-TEST)

RESPIRATORY OR SKIN SENSITIZATION: Not observed.

ASPIRATION HAZARD: No data.

MUTAGENIC DATA: Not observed.

IMMUNOTOXICITY: No data.

NEUROTOXICITY: No data.

DEVELOPMENTAL/REPRODUCTIVE: Contains material that may adversely effect the developing fetus based on animal data. In animal studies NMP was embryotoxic by the oral, dermal and intraperitoneal routes, but only after repeated high doses that approached the LD50 or were maternally toxic.

CARCINOGEN STATUS: Not a carcinogen.

Chronic Toxicological Effects

No data available.

Carcinogenicity/Other Information

ACGIH A4 - Not Classifiable as a Human Carcinogen.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Acetone {2-Propanone}	67-64-1	n.a.	n.a.	A4	n.a.
2. N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	872-50-4	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information

Acetone:

Toxicity:

LC50 /Oncorhynchus mykiss/ (Rainbow trout, weight 1.0 g) 5,540 mg/L/96 hr at 12 deg C (95% confidence limit 4,740-6,330 mg/L), /static bioassay/

LC50; Species: Oncorhynchus mykiss (Rainbow trout, fingerling, length 9.4 cm, weight 10.8 g); Conditions: freshwater, flow through, 10 deg C, pH 8.0; Concentration: 6100 mg/L for 24 hr

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LC50 Pimephales promelas (Fathead minnow, age 33 days, length 22.6 mm, weight 0.159 g) 8,120 mg/L/96 h (95% confidence limit: 7,530-8,760 mg/L); flow through, 25.0 deg C, dissolved oxygen 6.7 mg/L, hardness 48.5 mg/L CaCO₃, alkalinity 45.8 mg/L CaCO₃, pH 7.58 /99% pure/

Persistence and Degradability: Biodegradation of this compound is expected, but volatilization has been shown to be the primary removal mechanism of acetone in water(5-7).

Bioaccumulative Potential: Potential for bioconcentration in aquatic organisms is low.

Mobility In Soil: High mobility in soil.

N-Methyl-2-Pyrrolidone:

Toxicity:

LC50 Golden Orfe 96 hr >500 mg/L

EC50 Dahnna Magna 24 hr >1,000 mg/L

EC50 Green Algae 72 hr >500 mg/L

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: An estimated BCF of 0.23 suggests the potential for bioconcentration in aquatic organisms is low. If released into water, 1-methyl-2-pyrrolidinone is not expected to adsorb to suspended solids and sediment in the water column based upon the estimated Koc.

Mobility in Soil: Expected to have very high mobility based upon an estimated Koc of 12.

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with local, state, and federal laws.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name	Flammable Liquid, N.O.S. (Acetone)
DOT Hazard Class:	3
DOT Hazard Label:	FLAMMABLE LIQUID
UN/NA Number:	UN1993
Packing Group:	II

Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The shipper/supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Acetone {2-Propanone}	67-64-1	No	Yes 5000 LB	No	Yes

MATERIAL SAFETY DATA SHEET

Goof Off Super Glue Remover

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Printed: 03/13/2013

Revision: 11/07/2012

Supersedes Revision: 09/14/2012

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
2. N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	872-50-4	No	No	Yes	No

Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Acetone {2-Propanone}	67-64-1	No	No	Inventory, 4 Test	No
2. N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	872-50-4	No	No	Inventory, 4 Test, 12(b)	Yes

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- ☒ Yes ☐ No Acute (immediate) Health Hazard
☒ Yes ☐ No Chronic (delayed) Health Hazard
☒ Yes ☐ No Fire Hazard
☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

Regulatory Information Statement

All components of this material are listed on the TSCA Inventory or are exempt.

16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.



Material Safety Data Sheet

ADVANTUS®

12276 San Jose Blvd, Suite 618
Jacksonville, FL 32223

January, 2008
1205, 1305, 1405

SECTION 1: PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT (TRADE) NAME: Kleen & Dry
PRODUCT IDENTIFICATION NUMBER(S): RR1205, RR1305, RR1405
CHEMICAL NAME AND SYNONYMS: Isopropyl Alcohol Solution
CHEMICAL FORMULA: Predominantly: $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$
EMERGENCY TELEPHONE NUMBERS: Read/Right: (904) 482-0091
CHEMTREC (Transportation): (800) 424-9300

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS#	%	OSHA PEL (ppm)	ACGIH TLV(ppm)
Isopropyl Alcohol	67-63-0	30.0	400	400
Ammonium Hydroxide	7664-41-7	0.05	50	25
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.10	NA	100
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	0.10	NA	100
Deionized Water	7732-18-5	69.8	NA	NA

SECTION 3: HAZARDS IDENTIFICATION

Product is distributed as either a single use, presaturated pad, in an aluminum foil packet or, a plastic dispenser holding up to 50 presaturated applicators. In both cases, all the liquid is absorbed by the applicator(s). Isopropyl alcohol is a flammable liquid. Eye contact will cause local irritation and burning sensations with possible injury if not removed promptly. Repeated or prolonged contact with skin may produce irritation and cause dermatitis. Exposure above TLV may cause irritation of respiratory tract and eyes along with headaches, dizziness and CNS effects. May be harmful if swallowed with ingestion of 20mL causing serious injury.

Carcinogenicity (OSHA/NTP/IARC/ACGIH): None Listed
Medical Conditions Aggravated by Exposure: None Listed

SECTION 4: FIRST AID INFORMATION

EYE CONTACT: Flush with water for 15 minutes, including under eyelids. Get Medical help.
SKIN CONTACT: Flush with water.
INHALATION: Remove to fresh air. Keep at rest. Restore and/or support breathing as needed. Get prompt Medical attention.
INGESTION: In the unlikely event of ingestion of a wiper, first aid measures should focus on removal of the object and preventing choking. Once removed, keep affected person at rest. Call physician immediately.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 85°F
FLAMMABLE LIMITS (% BY VOLUME): LEL: NA UEL: NA
AUTOIGNITION TEMPERATURE °F (°C): NA

EXTINGUISHING MEDIA: Isopropyl alcohol fires may be extinguished using carbon dioxide, dry chemical or alcohol foam. Water may be used to cool containers exposed to the fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Isopropyl alcohol may release vapors which may ignite at or above flash point.

NFPA RATING: HEALTH (1)
FLAMMABILITY (3)
REACTIVITY (0)

Formulation is classified as an OSHA Class IB Flammable Liquid
NA = Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Since the isopropyl alcohol solution is completely absorbed by the applicator and the amount of isopropyl alcohol per applicator is small, the chance of a significant spill occurring is small. In the event however, a significant amount of liquid is released, ventilate the area, especially low areas where vapors may collect and remove all sources of ignition. Cleanup personnel need protection against liquid contact and vapor inhalation.

SECTION 7: HANDLING AND STORAGE

Store in a clean, cool, ventilated area away from sources of ignition and oxidizing agents. Handle and store in a manner suitable for an OSHA Class IB Flammable Liquid. Electrical services must meet applicable codes. Use non-sparking tools.

SECTION 8: EXPOSURE CONTROL - PERSONAL PROTECTION

Provide ventilation to maintain TLV. Use non-sparking tools. Avoid inhalation of vapors, contact with eyes and repeated or prolonged contact with skin. Do not take internally.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F(°C)):	195(90.5)	% VOLATILE BY VOLUME @ 25°C:	100
VAPOR PRESSURE (mmHg @ 25°C):	43	EVAPORATION RATE(BUTYL ACETATE=1):	>1
VAPOR DENSITY (AIR=1):	>1	FORM:	Presaturated Pad
% SOLUBLE IN WATER @ 25°C:	100	ODOR:	Alcohol
SPECIFIC GRAVITY0G/CC @25°C)	0.95	APPEARANCE:	Clear Liquid

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITIES/CONDITIONS TO AVOID:	Caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents and chlorinated compounds.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Not Available

SECTION 12: ECOLOGICAL INFORMATION

Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Follow Federal, State and Local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Not Regulated

Proper Shipping Name:
Hazard Class:
UN Number:
Packing Group:
Hazard Labeling:

IATA/ICAO CLASSIFICATION: Not Regulated

Proper Shipping Name:
Hazard Class:
UN Number:
Packing Group:
Hazard Labeling:

IMDG CLASSIFICATION: Not Regulated

Proper Shipping Name:
Hazard Class:
IMDG Page#:
Packing Group:
Flash Point (°C):
Marine Pollutant:

SECTION 15: REGULATORY INFORMATION

SARA TITLE III REPORTING:

Toxic Chemical(Section 313):	Not listed
Extremely Hazardous Substance (Section 302, 304, 311,312):	Not Listed
Hazard Class:	Chronic Health
	Acute Health
	Fire Hazard
	Pressure Hazard
	Reactivity Hazard

TSCA INVENTORY STATUS

Yes
Yes
Yes
No
No
All components
listed are on the
TSCA inventory

SECTION 16: OTHER INFORMATION

The information provided herein is compiled from internal reports and data from professional publication. It is furnished without warranty of any kind, expressed or implied. It is intended solely to assist in evaluating suitability and proper use of the material and in implementing safety precautions and procedures. Employers should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials. All information used must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

MATERIAL SAFETY DATA SHEET

MSDS # 56301

Section One: Identification

Newell Rubbermaid, Inc. (Sanford L.P.)
2707 Butterfield Road
Oak Brook, IL 60523 USA
800-323-0749 or 630-481-2000

EMERGENCY MEDICAL NUMBER:

888-786-0972

Product Name: Liquid Paper Correction Fluid Products; Smooth Coverage, 2-in-1, Pen&Ink, Fast Dry, PMOP, Ledger Colors, Stock Colors.

Colors: White, Buff, Green, Pink, Blue, Ivory, Yellow.

Section Two: Hazard Identification

WARNING! FLAMMABLE. Do not use or store near heat or flame. **IRRITANT.** May cause skin or eye irritation. May cause allergic reaction. **VAPOR HARMFUL.** May be harmful by inhalation or ingestion. Do not ingest. Use only with proper ventilation. **KEEP OUT OF REACH OF CHILDREN.**

Section Three: Composition

Solvent: Naphtha(petroleum), hydrotreated light (64742-49-0)
Naphtha(petroleum), heavy alkylate (64741-65-7)
Additives: Titanium Dioxide (13563-67-7)
Resin
Surfactant
Pigments
Fragrance

Section Four: First Aid Measures

Inhalation: If symptoms occur remove person(s) to fresh air. If symptoms persist seek medical attention.
Skin Contact: Wash with soap and water for at least 15 min. If irritation persists seek medical attention.
Eye Contact: Wash thoroughly with water for at least 15 min. If irritation persists seek medical attention.
Ingestion: DO NOT induce vomiting. Contact a physician or poison control center immediately. Do not give anything by mouth unless directed to do so by a physician. **NOTE TO PHYSICIAN:** Contains solvent naphtha which may cause chemical pneumonitis.

Section Five: Fire Fighting Measures

Flash Point: $> 10^{\circ} \text{F}$
Flammability Limits (% by volume): N/A
Extinguishing Media: Dry chemical, foam, carbon dioxide.
Special Fire Fighting Measures: **In Small quantities:** Treat as appropriate for surroundings.
Hazardous Combustion Products: Acrid smoke/fumes. Oxides of Carbon, Nitrogen.

Section Six: Accidental Release Measures

In Case of Spill or Accidental Release: Take up with absorbent non-combustable material.

Section Seven: Handling and Storage

Handling: Do not use near heat or flame. Replace cap after use. Avoid contact with skin. Use only in well ventilated area.
Storage: Do not store near heat or other sources of ignition. In large quantities, store in a well-ventilated area.

Section Eight: Exposure Controls and Personal Protection

Eye Protection: None under normal use conditions.

MATERIAL SAFETY DATA SHEET

MSDS # 56301

Clothing: None under normal use conditions.

Respirator: None under normal use conditions.

Section Nine: Physical and Chemical Properties

Boiling Point: >95 ° F
Specific Gravity: N/A
Vapor Pressure: N/A
Solubility in Water: N/A
Evaporation Rate: N/A
Appearance/Odor: Viscous liquid / Paraffinic

Section Ten: Stability and Reactivity

Stability: Normally stable
Conditions to Avoid: Avoid exposure to heat, flame or other sources of ignition. Avoid contact with strong acids or oxidizers.
Hazardous Polymerization: N/A

Section Eleven: Toxicological Information

See Section Two: Hazard Identification for any hazards

Section Twelve: Ecological Information

Not available

Section Thirteen: Disposal Considerations

Dispose of in accordance with all Federal, State, and Local Regulations.

Section Fourteen: Transport Information

DOT: ORM-D Consumer Commodity
IATA: Not Available
IMDG: Not Available

Section Fifteen: Regulatory Information

United States: All components in this product are listed on or exempt from reporting under the Federal Toxic Substances Control Act (TSCA).

Section Sixteen: Other Information

HMIS Code

Health	2
Flammability	3
Reactivity	0
Personal Protection	N/A

0=Minimal / 4 = Severe

NewellRubbermaid, Inc has been advised by Counsel that the OSHA Hazard Communication Standard and the Health Canada Workplace Hazardous Materials Information Standard do not apply to the Sanford Product described in this Material Safety Data Sheet. The reasons for the exemptions are contained in 29 CFR 1910.1200(b)(6)(ix) as amended Sept 14, 2009 per the Code of Federal Regulations and also Canadian Hazardous Products Act part 12 section (f) as amended June 1, 2009. The information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the product is covered by nor is this MSDS meant to comply with all requirements of the hazard communication standards.

MATERIAL SAFETY DATA SHEET

Poli-Kleen Wax Polish

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Poli-Kleen Wax Polish
Product Number: A00136
Product Use: Polishing wax.
Manufacturer/Supplier: Waxie Sanitary Supply
9353 Waxie Way
San Diego, CA 92193-1036
Phone Number: 1-800-995-4466
D.O.T. Emergency Phone: 1-800-255-3924 CHEMTEL 24 HR
Date of Preparation: August 29, 2012
Revision #: 2.0

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS: See Section 15

CAUTION

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. CONTENTS UNDER PRESSURE. CONTAINER MAY EXPLODE IF HEATED. HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.
Inhalation: May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.

Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Handling can cause dry skin.

Medical Conditions Aggravated By Exposure: Asthma. Allergies.

Target Organs: Skin, eyes, gastrointestinal tract, respiratory system.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Distillates (petroleum), hydrotreated light	64742-47-8	5 - 10
Isobutane	75-28-5	1 - 5
Propane	74-98-6	1 - 5
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	0.1 - 1
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	0.1 - 1

MATERIAL SAFETY DATA SHEET

Poli-Kleen Wax Polish

Section 4: FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).
- Note to Physicians:** Symptoms may not appear immediately.

Section 5: FIRE FIGHTING MEASURES

- Flammability:** Not flammable by OSHA criteria.
- Means of Extinction:**
- Suitable Extinguishing Media:** Powder, foam, carbon dioxide.
 - Unsuitable Extinguishing Media:** Water.
- Products of Combustion:** May include, and are not limited to: oxides of carbon.
- Explosion Data:**
- Sensitivity to Mechanical Impact:** Not available.
 - Sensitivity to Static Discharge:** Not available.
- Protection of Firefighters:** Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
- Environmental Precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
- Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for Clean-Up:** Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.
- Other Information:** Not available.

MATERIAL SAFETY DATA SHEET

Poli-Kleen Wax Polish

Section 7: HANDLING AND STORAGE

Handling:

Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Handle container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

Storage:

Keep out of the reach of children. Do not store at temperatures above 49 °C / 120 °F.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Ingredient	Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Distillates (petroleum), hydrotreated light	100 ppm	200 mg/m ³
Isobutane	Not available.	1000 ppm
Propane	1000 ppm	1000 ppm
Distillates (petroleum), hydrotreated light naphthenic	5 mg/m ³ (mist)	5 mg/m ³ (mist)
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m ³ (mist)	5 mg/m ³ (mist)

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

HMIS: See Section 15

Eye/Face Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque.
Colour:	White.
Odour:	Lemon.
Odour Threshold:	Not available.
Physical State:	Gas/Pressurized Liquid.
pH:	9-11
Viscosity:	Not available.
Freezing Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Not available.
Evaporation Rate:	< 1 (Water = 1)
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.

MATERIAL SAFETY DATA SHEET

Poli-Kleen Wax Polish

Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	0.972 (Concentrate only)
Solubility in Water:	Not available.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	7.2% (US federal/CARB/OTC/LADCO)
VOC content, g/L:	Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: Oxidizers.

Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient	LD₅₀ (oral)	LC₅₀
Distillates (petroleum), hydrotreated light	> 5000 mg/kg, rat	> 5.2 mg/L 4hr, rat
Isobutane	Not available.	658 mg/L 4hr, rat
Propane	Not available.	658 mg/L 4hr, rat
Distillates (petroleum), hydrotreated light naphthenic	> 5000 mg/kg, rat	2.18 mg/L 4hr, rat
Distillates (petroleum), hydrotreated heavy naphthenic	> 5000 mg/kg, rat	> 5.0 mg/L 4hr, rat

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin: May cause skin irritation. Handling can cause dry skin.

Ingestion: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.

Inhalation: May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: Not hazardous by OSHA criteria.

Carcinogenicity: Not hazardous by OSHA criteria.

MATERIAL SAFETY DATA SHEET

Poli-Kleen Wax Polish

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen *
Distillates (petroleum), hydrotreated light	Not listed.
Isobutane	Not listed.
Propane	Not listed.
Distillates (petroleum), hydrotreated light naphthenic	Not listed.
Distillates (petroleum), hydrotreated heavy naphthenic	Not listed.

* See Section 15 for more information.

Mutagenicity: Not hazardous by OSHA criteria.

Reproductive Effects: Not hazardous by OSHA criteria.

Developmental Effects:

Teratogenicity: Not hazardous by OSHA criteria.

Embryotoxicity: Not hazardous by OSHA criteria.

Respiratory Sensitization: Not hazardous by OSHA criteria.

Skin Sensitization: Not hazardous by OSHA criteria.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

DOT Classification

ORM-D, Limited Quantity

Section 15: REGULATORY INFORMATION

Federal Regulations

US: MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200).

SARA Title III

Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Distillates (petroleum), hydrotreated light	Not listed.	Not listed.	Not listed.	Not listed.
Isobutane	Not listed.	Not listed.	Not listed.	Not listed.
Propane	Not listed.	Not listed.	Not listed.	Not listed.
Distillates (petroleum), hydrotreated light naphthenic	Not listed.	Not listed.	Not listed.	Not listed.
Distillates (petroleum), hydrotreated heavy naphthenic	Not listed.	Not listed.	Not listed.	Not listed.

MATERIAL SAFETY DATA SHEET

Poli-Kleen Wax Polish

State Regulations

California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Global Inventories

Ingredient

USA TSCA

Distillates (petroleum), hydrotreated light
Isobutane
Propane
Distillates (petroleum), hydrotreated light naphthenic
Distillates (petroleum), hydrotreated heavy naphthenic

Yes.
Yes.
Yes.
Yes.
Yes.

HMIS - Hazardous Materials Identification System

Health - 2

Flammability - 2

Physical Hazard - 0

PPE – B

NFPA - National Fire Protection Association:

Health - 2

Fire - 2

Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.
A2 - Suspected human carcinogen.
A3 - Animal carcinogen.
A4 - Not classifiable as a human carcinogen.
A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.
2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1 - Known to be carcinogens.
2 - Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Disclaimer:

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Prepared by: Nexreg Compliance Inc.

Prepared for: Waxie Sanitary Supply
1-800-995-4466



Sanford Corporation
2740 Washington Blvd.
Bellwood, IL 60104

Telephone No: 1-800-323-0749
Date of Last Revision: January 2, 2003
Medical Emergency No: 1-800-228-5635

Section 1 - Product Identification

Product Name: Roll-On Stamp Pad Ink
Colors: Black, Blue, Brown, Green, Red, Violet

Section 2 - Composition

Dyes, water, glycerine (56-81-5), diethylene glycol (111-46-6), polyethylene glycol (25322-68-3)

Section 3 - Physical / Chemical Characteristics

For glycerine:
Boiling Point: Greater than 550°F at 760 mm Hg
Vapor Pressure (mm Hg): Less than 0.1 mm Hg at 72°F
Specific Gravity: 1.2 - 1.3 at 22°C
Solubility in Water: Complete
Appearance / Odor: Water white, clear liquid, bland odor
Evaporation Rate: Not available

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used): Greater than 390°F (PMCC)
Flammability Limits (% by volume): Lower: Not available Upper: Not available
Extinguishing Medium: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

Section 5 - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Not available
Chemical Incompatibility:	Not available
Hazardous Decomposition:	Not available
Hazardous Polymerization:	Will not occur

Section 6 - Health Hazard Data

Chemical Listed as Carcinogen or Potential Carcinogen:

IARC Monographs:	No
National Toxicology Program:	No
OSHA Regulated:	No

The product is considered safe when used under normal use conditions.

Section 7 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:	Wipe up with absorbent material.
Waste Disposal Method:	Dispose in accordance with Federal, State, and Local Regulations.
Precautions to be Taken in Handling and Storing:	Do not squeeze bottle. Keep cap on bottle when not in use.
Other Precautions:	None

Section 8 - Personal Protection and Exposure Control Measures

Eye Protection:	None under normal use conditions.
Skin Protection:	None under normal use conditions.
Respiratory Protection:	None under normal use conditions.
Ventilation:	None under normal use conditions.
Protective Clothing:	None under normal use conditions.

HMIS Code	
Health	1
Flammability	0
Reactivity	0
Personal Protection	N/A

0 = Minimal / 4 = Severe Hazard

Sanford Corporation has been advised by council that the OSHA Hazard Communication Standard does not apply to the Sanford Product described in this MSDS. The reason for the exemption is contained in 29 CFR Part 1910.1200 (b) (6) (ix), as amended July 1, 1994 per the Code of Federal Regulations. The information contained in this MSDS is forwarded to you for your information but is not meant to imply that the product is covered by the Hazard Communication Standard nor is the MSDS meant to comply with all requirements of the Hazard Communication Standard.

Product Name	Shachihata STAMP PAD HGN-1,2,3,4 (All colors)
	Shachihata STAMP PAD INK SGN-40,SGN-250 (All colors)
	Shachihata STAMP PAD (ECOS)
	HG-1EC,HG-2EC,HG-3EC,HG-4 (All colors)
	Shachihata STAMP PAD INK SG-40,SG-250 (All colors)
	Shachihata STAMP PAD (2 Colours) HGW-3EC(Red/Black)(Red/Blue)
General Use	STAMP PAD INK
MSDS Number	ES1104A-0101

Company Name	Shachihata Inc.
Address	4-69,Amazuka-cho,Nishi-ku,Nagoya City,451-0021,Japan
Telephone Number	++ 81 52 521 3600
Fax Number	++ 81 52 521 3899

Chemical or Common Name(s)	wt. %		CAS(TSCA) Number	EINECS Number
	Black	Others		
Carbon black	5~15	—	1333-86-4	215-609-9

No data available

Treatment may vary with condition of victim and specifics of incident.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flammable

EXTINGUISHING MEDIA

Dry chemical powder, foam or carbon dioxide.

FIRE FIGHTING INSTRUCTIONS

Wear full fire-fighting turn-out gear and respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL Wipe off with dry cloth.

WATER SPILL Contain spilled liquid with sand or earth.
Do not use combustible materials,such as sawdust.7. HANDLING AND STORAGEHANDLING : Use only in the well-ventilated areas.
Avoid contact with skin or eyes , or clothing.
Avoid inhalation and ingestion.
Avoid high temp. and fire.
Wash thoroughly after handling.STORAGE : Store in a cool, dry, well-ventilated location.
Keep away from heat, sunlight.
Keep away from children.8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

OSHA PEL (1994)			
[Carbon black]	TWA	3.5 mg/m ³	
ACGIH TLV (2003)			
[Carbon black]	TWA	3.5 mg/m ³	
EN LIMIT (2000/39/EN)			
Not established			

EXPOSURE CONTROLS

Occupational Exposure Controls

Engineering Controls

Use exhaust ventilation to keep airborne concentration below exposure limits.

Personal Protection

Respiratory Protection

Use with local exhaust ventilation, when in long use.

Hand Protection

Not required, but wear safety gloves, if necessary.

Eye Protection

Not required, but wear safety glasses, if necessary.

Skin Protection

To prevent ANY contact, wear impervious clothing such as gloves, apron, as appropriate.

Environmental Exposure Controls

Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Liquid
Odor	minor oil odor
pH	No data available
Boiling Point / Boiling Range	No data available
Flash Point	150 °C (open cup)
Explosive Properties	No data available
Relative Density (g/cm ³)	1.0 g/cm ³
Solubility [Water]	dissoluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	No data available
STABILITY	No data available
MATERIALS TO AVOID	No data available
HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS	No data available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (RTECS : 2003.2)

[Carbon black]

Oral	LD ₅₀ (rat)	>15,400 mg/kg
Skin	LD ₅₀ (rabbit)	>3 mg/kg

12. ECOLOGICAL INFORMATION

ECOTOXICITY	No data available
BIOACCUMULATIVE POTENTIAL	No data available
OTHER ADVERSE EFFECTS	No data available

13. DISPOSAL CONSIDERATIONS

Comply with all federal,state,EU,national and local regulations.

Do not dump this product into sewers , on the ground or into any body of water.

14. TRANSPORT INFORMATION

UN CLASS	None
UN Packing Group (PG)	None
UN NUMBER	None
Proper Shipping Name	None

15. REGULATORY INFORMATION

Refer to any other federal , state , EU , national and local regulations.

TSCA STATUS : All components on TSCA INVENTORY.

CERCLA REPORTABLE QUANTITY (40 CFR 117,302) :
Not applicable

SARA TITLE III: Not applicable

EC (2001/59/EC) : Not applicable

Please refer to any other EU, national and local measures.

16. OTHER INFORMATION

This information is furnished without warranty,express or implied,
except that it is accurate to the best knowledge of Shachihata Inc.
It relates only to the specific material designated herein,and does not relate to
use in combination with any other material or process.
Shachihata Inc. assumes no legal responsibility for
use or reliance upon this information.

LEE PRODUCTS COMPANY
800 East 80th Street
Minneapolis, MN 55420

EMERGENCY TELEPHONE (952) 854-3544 or (800) 989-3544

MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION

NAME: Hygienic Sortkwik Fingertip Moistener, Date Prepared: 1/2/03
January 2003

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hygienic Sortkwik contains no chemical or substance or mixture of chemicals or substances which are regulated by the Federal Occupational Safety and Health Administration under Title 29 of the code of Federal Regulations, part 1910 sub part 2.

Hygienic Sortkwik is non-hazardous and is not covered by the OSHA Hazard Communications Standards.

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

*BOILING POINT: NA
*SPECIFIC GRAVITY: (H²O = 1) NA
*VAPOR PRESSURE: NA
*MELTING POINT: 60 Degrees C (140 degrees F)
*VAPOR DENSITY: NA
*EVAPORATION RATE: NA
*SOLUBILITY IN WATER: NA
*APPEARANCE AND ODOR: NA

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

*FLASH POINT: NA
*FLAMMABLE LIMITS: NA
*EXTINGUISHING MEDIA: NA
*SPECIAL FIRE FIGHTING PROCEDURES: NA
*UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SECTION V. REACTIVITY DATA

*STABILITY: NA *UNSTABLE: NA *STABLE: NA
*CONDITIONS TO AVOID: *INCOMPATIBILITY (materials to avoid): NA
*HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NA
*HAZARDOUS POLYMERIZATION: NA *MAY OCCUR: NA *WILL NOT OCCUR: NA
*CONDITIONS TO AVOID:

NEW & IMPROVED SORTKWIK

SECTION VI. HEALTH HAZARD DATA

*ROUTE(S) OF ENTRY: NA *INHALATION: NA *SKIN: NA *INGESTION: NA
*HEALTH HAZARDS (ACUTE AND CHRONIC): NA
*CARCINOGENICITY: NA *NTP: NA *IARC MONOGRAPHS: NA *OSHA REGULATED: NA
*SIGNS AND SYMPTOMS OF EXPOSURE: Redness or irritation.
*MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA
*EMERGENCY FIRST AID PROCEDURES: At the first sign of irritation discontinue use and consult a physician if necessary.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

*STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: NA
*WASTE DISPOSAL METHOD: NA

*PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with the eyes. May cause eye irritation. Flush with water and consult a physician if necessary.
*OTHER PRECAUTIONS: May cause slight skin irritation. Discontinue use and consult a physician if necessary.

SECTION VIII. CONTROL MEASURES

*RESPIRATORY PROTECTION (SPECIFY TYPE): NA
*VENTILATION: NA *LOCAL EXHAUST: NA *MECHANICAL: NA *SPECIAL: NA
*OTHER: NA
*PROTECTIVE GLOVES: Use if needed to prevent skin irritation.
*EYE PROTECTION: Use if needed to prevent contact with eyes.
*OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NA
*WORK/HYGIENIC PRACTICES: NA

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION					
NFPA Rating: Health-1; Flammability-3; Reactivity-0; Special---			HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B		
Manufactured For: WAXIE Sanitary Supply Address: 9353 Waxie Way Address: San Diego, CA 92123-1036			DOT Hazard Classification: ORM-D Identity (trade name as used on label): Spring Rain Dry Deodorizer & Odor Counteractant #160262		
Phone: 1-800-995-4466			MSDS Number: A00239SR Revision-5		
EMERGENCY RESPONSE NUMBER: 1-800-255-3924			Date Prepared: 02/01/07 Prepared By: TR/IB		
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			Information Calls: (770)422-2071		
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)
ACETONE		67-64-1	No	1000	750
ISOBUTANE / PROPANE BLEND		75-28-5	No	800	800
		74-98-6	No	1000	1000
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: N/A			Specific Gravity (H2O=1): Concentrate Only = < 1		
Vapor Pressure: PSIG @ 70°F (Aerosols): 50-60			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A		
Vapor Density (Air = 1): N/E			Evaporation Rate (= 1): N/E		
Solubility in Water: Soluble			Water Reactive: No		
Appearance and Odor: Clear liquid with fragrance.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): flame projection with spray through cap: projection greater than 18" with flashback: Categorized as		Auto Ignition Temperature N/E		Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E	
EXTREMELY FLAMMABLE					
FLASH POINT AND METHOD USED (non-aerosols): N/A		SPECIAL FIRE FIGHTING PROCEDURES: Provide shielding for personnel. Wear self-contained breathing apparatus. Cool containers with water fog to prevent rupturing & spewing.			
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.					
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 120°F or the container may rupture.					
SECTION 4 - REACTIVITY HAZARD DATA					
STABILITY ☒ STABLE ☐ UNSTABLE		HAZARDOUS POLYMERIZATION ☐ WILL ☒ WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Alkalis, oxidizing materials, amines.		Conditions to Avoid: Open flame, welding arcs, heat.			
Hazardous Decomposition Products: CO, CO2.					
SECTION 5 - HEALTH HAZARD DATA					
PRIMARY ROUTES OF ENTRY: ☒ INHALATION ☐ INGESTION ☐ SKIN ABSORPTION ☐ EYE ☐ NOT HAZARDOUS					
ACUTE EFFECTS Vapor concentrations around 1000 ppm may cause slight transient irritation to the upper respiratory tract.					
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.					
Eye Contact: Irritation.			Skin Contact: May cause slight irritation.		
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.					
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause mucous membrane irritation, overnight headache, and general weakness.					
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.					
EMERGENCY FIRST AID PROCEDURES					
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.					
Skin Contact: Wash with soap and water. If irritated, seek medical attention.					
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.					
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines / NIOSH for organic vapor.					
Protective Gloves: Latex, if skin easily irritated.			Eye Protection: Safety glasses recommended.		
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.					
Other Protective Clothing & Equipment: None					
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.					
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.					
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 120°F.					
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.					

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

THIS MSDS IS CURRENT AS OF November 2, 2010. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date



Material Safety Data Sheet
Material Name: Staples Glue Sticks
MSDS ID: ELM-067
Issue Date: 08/16/11
Revision 1.0000

Other Sections

[02](#) [03](#) [04](#) [05](#) [06](#) [07](#) [08](#) [09](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

*** * * Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION* * ***

Material Name: Staples Glue Sticks

Manufacturer Information

Elmer's Products, Inc.

460 Polaris Parkway

Westerville, OH 43082

Emergency Phone Number:

Poison Control Center

1-888-516-2502

For additional product information, access our website at www.elmers.com or call 1-888-435-6377. To place an order, call 1-800-848-9400.

Product Use

adhesives

*** * * Section 2 - HAZARDS IDENTIFICATION* * ***

NFPA Ratings:

Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

EMERGENCY OVERVIEW

Color: purple, white

Physical Form: solid

Odor: mild odor

Major Health Hazards: No significant target effects reported.

POTENTIAL HEALTH EFFECTS**Inhalation**

Short Term: no information on significant adverse effects

Long Term: no information on significant adverse effects

Skin

Short Term: no information on significant adverse effects

Long Term: no information on significant adverse effects

Eye

Short Term: no information on significant adverse effects

Long Term: no information on significant adverse effects

Ingestion

Short Term: no information on significant adverse effects

Long Term: no information on significant adverse effects

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

***** Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS*****

CAS	Component	Percent
Not Available	Non-hazardous substance	100

***** Section 4 - FIRST AID MEASURES*****

Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

Skin

If bonding occurs, immerse the bonded surfaces in warm soapy water. Peel or roll the surfaces apart using a blunt edge, such as a spatula or spoon handle. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention, if needed.

Eyes

If bonding to tissues occurs, wash with large amounts of warm water. Cover both eyes with sterile bandages. The eye will open without further action. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention.

Ingestion

If a large amount is swallowed, get medical attention.

***** Section 5 - FIRE FIGHTING MEASURES*****

See Section 9 for Flammability Properties

Flammable Properties

Slight fire hazard.

Extinguishing Media

carbon dioxide, regular dry chemical, regular foam, water

Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Hazardous Combustion Products

Combustion: oxides of carbon

***** Section 6 - ACCIDENTAL RELEASE MEASURES*****

Occupational spill/release

Collect spilled material in appropriate container for disposal.

***** Section 7 - HANDLING AND STORAGE*****

Handling Procedures

Wash thoroughly after handling.

Storage Procedures

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible

substances.

***** Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION*****

Component Exposure Limits

ACGIH, NIOSH, OSHA, and AIHA have not developed exposure limits for any of this product's components.

Ventilation

Based on available information, additional ventilation is not required.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face

Eye protection not required under normal conditions.

Protective Clothing

Protective clothing is not required under normal conditions.

Glove Recommendations

Protective gloves are not required under normal conditions.

Respiratory Protection

No respirator is required under normal conditions of use.

***** Section 9 - PHYSICAL AND CHEMICAL PROPERTIES*****

Physical State: Solid	Appearance: purple, white solid
Color: purple, white	Physical Form: solid
Odor: mild odor	Odor Threshold: Not available
pH: Not available	Melting/Freezing Point: 0 °C
Boiling Point: 100 °C	Flash Point: Not available
Evaporation Rate: Not available	Vapor Pressure: Not applicable
Vapor Density (air = 1): Not applicable	Density: Not available
Specific Gravity (water = 1): Not available	Water Solubility: miscible
Coeff. Water/Oil Dist: Not available	Viscosity: Not available
Volatility: Not available	

***** Section 10 - STABILITY AND REACTIVITY*****

Chemical Stability

Stable at normal temperatures and pressure.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Materials to Avoid

oxidizing materials

Hazardous Decomposition

Combustion: oxides of carbon

Possibility of Hazardous Reactions

Will not polymerize.

***** Section 11 - TOXICOLOGICAL INFORMATION*****

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, or NTP.

RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Medical Conditions Aggravated by Exposure

None known.

Tumorigenic

No data available for the mixture.

Mutagenic

No data available for the mixture.

Reproductive Effects

No data available for the mixture.

***** Section 12 - ECOLOGICAL INFORMATION*****

Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

***** Section 13 - DISPOSAL CONSIDERATIONS*****

Disposal Methods

Dispose in accordance with all applicable regulations.

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

***** Section 14 - TRANSPORT INFORMATION*****

US DOT Information: No Classification assigned.

TDG Information: No Classification assigned.

***** Section 15 - REGULATORY INFORMATION*****

U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA 311/312

Acute Health: No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not regulated under California Proposition 65

U.S. Inventory (TSCA)

All the components of this substance are listed on or are exempt from the inventory.

Component Analysis - Inventory

No information available

*** * * Section 16 - OTHER INFORMATION * * ***

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

Other Information

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

New MSDS: 8/16/2011

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material Name: Static Guard Antistatic Spray
Revision Date: May 6 2013
CAS #: Mixture
Product Use: Anti-static Spray
Company Information: B&G Foods, Inc.
Four Gatehall Drive, Suite 110
Parsippany, NJ 07054
973 401 6500
Contact Name: William H. Wright, EVP QA, R&D
(PHONE EXTENSION) 6414

2. Hazards Identification

Emergency Overview: CONTENTS UNDER PRESSURE
EXTREMELY FLAMMABLE. Will be easily ignited by heat, spark or flames
Contact with eyes may cause irritation.

Potential short term health effects

Eyes	Contact with eyes may cause irritation. Health injuries are not known or expected under normal use.
Skin	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
Ingestion	Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Health injuries are not known or expected under normal use.
Target Organs	Central Nervous System. Eyes. Respiratory system. Skin.
Chronic Effects	Conjunctiva. May cause central nervous system disorder (e.g. narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage.
Main Symptoms	Conjunctivitis. Rash. Irritation. De-fatting of the skin. Narcosis. Behavioral changes. Decrease in motor functions.

3. Composition / Information on Ingredients

Components	CAS#	Percent
ALCOHOL DENATURED	64-17-5	< 80
Isobutane	75-28-5	< 10
Hydrofluorocarbon 152A	75-37-6	< 20
Propane	74-98-6	< 2.5

Composition Comments: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA

4. First Aid Measures

First Aid

Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Move to fresh air. Call physician if symptoms develop or persist.
Ingestion	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or to the proper respiratory medical device. If ingestion of a large amount does occur, seek medical attention.

Notes to Physician: Symptoms may be delayed

General Advice: Ensure that medical personnel are aware of the material(s) involved and take precaution to protect themselves. Call physician if symptoms develop or persist. If you feel unwell, seek medical advice (show the label where possible)

5. Fire Fighting Measures

Unusual fire & explosion hazards	Vapor or gas may spread to distant ignition sources and flash back. Run off to sewer may cause fire or explosion hazard. Containers may explode when heated.
Suitable extinguishing media	Small fires: Dry chemical, CO ₂ , water spray or regular foam. Large fires: Water spray, fog or regular foam.
Firefighting equipment/instructions	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand

Material Name: Static Guard Antistatic Spray MSDS

MSDS US

Date of Revision: May 6 2013

1 / 5

Special protective equipment for fire fighters	breathing apparatus, protective clothing and face mask. Move container from fire area, if you can do it without risk. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. ALWAYS stay away from tanks engulfed in flame. For massive fire, use unmanned hose holders or monitor nozzles, if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire.
Specific methods	Structural firefighter's protective clothing will only provide limited protection.
Flash Point	In the event of fire and/or explosion do not breathe fumes.
Auto ignition temperature	>-58 °F(>50° C) Propellant 685.4 °F (362.8 °C) estimated
6. Accidental Release Measures	
Containment Procedures	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material where this is possible.
Personal precautions	Ventilate closed spaces before entering. Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep out of low areas. Stay up wind.
Methods for cleaning up	Large spills: Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non combustible material and transfer to containers for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.
7. Handling and Storage	
Handling	Do not handle or store near an open flame, heat or other sources of ignition. Vapors may form explosive mixtures with air. All equipment used when handling the product must be grounded. Avoid contact with skin and eyes. Keep away from sources of ignition – No smoking. May be ignited by open flame. Do not breathe gas/fumes/vapor/spray.
Storage	Do not handle or store near an open flame, heat or other sources of ignition. Store in cool place. Keep in a well ventilated place. This material can accumulate static charge, which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Use care in handling/storage. Keep the container dry. Keep this material away from food, drink and animal feed. Keep out of the reach of children. Level 2 Aerosol
8. Exposure control / Personal Protection	
Personal Protective Equipment	
Respiratory protection	No personal respiratory protective equipment normally required. Applicable for industrial setting only. When workers are facing concentrations over the exposure limit they must use appropriate certified respirators.
Hand protection	Not normally needed Applicable for industrial setting only. Protective gloves.
Eye Protection	Avoid contact with eyes Applicable for industrial settings only. Wear chemical goggles.
Skin and body protection	Not normally needed. Applicable for industrial setting only. Use personal protective equipment as required.
Engineering measure to reduce exposure	Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion proof equipment if high dust/air concentrations are possible. Use explosion proof ventilation equipment
Hygiene measures	Avoid contact with eyes. When using do not smoke. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.
9. Physical & Chemical Properties	
Boiling Point	>1.04 °F (>-17.2 °C)
Flammability	Not available
Form	Aerosol
Percent Volatile	90.6097% estimated
Vapor Pressure	47 – 67 psi @70 °F (21.1 °C)
VOC	79.506%
Material Name: Static Guard Antistatic Spray MSDS	

MSDS US

10. Chemical Stability & Reactivity Information

Stability Risk of explosion. Risk of ignition.
Incompatibility Acids, Amines, Isocyanates, Strong Oxidizing agents

11. Toxicological information

Toxicology data for the preparation

Local effects Contact may irradiate or burn eyes.

Carcinogenicity

US ACGIH Threshold Limit Values: A4 carcinogen

ALCOHOL DENAT. 64-17-5 Not classifiable as a human carcinogen

Reproductivity Possible reproductive hazard

Chronic toxicity Prolonged exposure may cause chronic effects

Further Information Symptoms may be delayed

12. Ecological Information

Ecotoxicity This material is not expected to be harmful to aquatic life. Components of this product have been identified as having potential environmental concerns.

Invertebrate Toxicity: EC50 value

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>4.58 mg/l 24 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>100 mg/l 24 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>100 mg/l 4 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>100 mg/l 2 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>10000 mg/l 24 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>0000 mg/l 48 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)7.7-11.2 mg/l 48 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>10100-11200 mg/l 48 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>12300-13400 mg/l 24 h Static Intoxication

ALCOHOL DENAT. 64-17-5 Water flea (Daphnia magna)>100 mg/l 6 h Static Intoxication

Micro-organisms Toxicity: LC50 value

ALCOHOL DENAT. 64-17-5 Tubellarian, flatworm (Dugesia tigrina)>100 mg/l 96 h Static Mortality

13. Disposal Considerations

Waste Codes D001: Waste Flammable material with a flash pint <140° F (60°C)

Disposal instructions Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. If discarded, this product is considered a RCRA ignitable waste, D001. Incinerate the material under controlled conditions in a approved incinerator.

14. Transport Information

Department of Transportation (DOT) Requirements

<=1L (33.8 Fl. Oz.)

Basic shipping requirements:

Proper Shipping name Consumer Commodity

Hazard Class ORM-D

Subsidiary Hazard Class None

Additional information:

Packaging exceptions 156, 306

Packaging non bulk 156, 306

Packaging bulk None

ERG Number 126

Department of Transportation (DOT) Requirements

Basic shipping requirements:

Proper Shipping name Aerosols, flammable

Hazard Class 2.1

UN Number UN1950

Additional information:

Special provisions 153, N82

Packaging Exceptions 306

Packaging Non bulk None

Packaging bulk None

ERG Number 126

IATA

Material Name: Static Guard Antistatic Spray MSDS

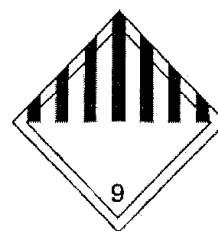


MSDS US

<=1L (33.8 Fl. Oz.)

Basic shipping requirements:

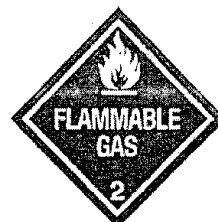
Proper Shipping name	Consumer Commodity
Hazard Class	9
Subsidiary Hazard Class	3
UN Number	ID8000
Packaging instructions	910



IATA

Basic shipping requirements:

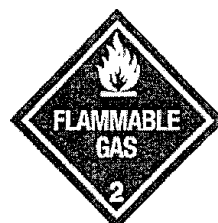
Proper Shipping name	Aerosols, flammable
Hazard Class	2.1
Subsidiary Hazard Class	6.1
UN Number	1950
Packaging instructions	Forbidden



IMDG

Basic shipping requirements:

Proper Shipping name	Aerosols, flammable
Hazard Class	2.1
Subsidiary Hazard Class	3
UN Number	1950
Additional Information	
Item	5F
Labels Required	2.1
Transport Category	2



15. Regulatory Information

US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910, 1200
CERCLA/SARA Hazardous Substances – Not applicable

Occupational Safety and Health Administration (OSHA)

29 CFR 1910, 1200 Hazardous Chemical	Yes
--------------------------------------	-----

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes
Hazard Categories	Immediate Hazard – Yes Delayed Hazard – Yes Fire Hazard – Yes Pressure Hazard – No Reactivity Hazard - No

HMIS ratings

Health: 1*
Flammability: 4
Physical Hazard: 1

NFPA ratings

Health : 1
Flammability: 4
Instability: 1

International Regulations

This product is classified and labeled in accordance with EC directives or respective national laws.

Inventory Status

Country(s) or region	Inventory Name	On inventory (yes/no)
Australia	Australian inventory of Chemical Substance (AICS)	No
Canada	Domestic Substance List (DSL)	No
Canada	Non Domestic Substance List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No

Material Name: Static Guard Antistatic Spray MSDS

MSDS US

Europe	European Inventory of Notified Chemical Substances (ELINCS)	No
Japan	Japanese Inventory of Existing and New Chemical Substance (ENCS)	No
Korea	Korean Inventory of Chemicals (KICS)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippines Inventory of Chemicals and Chemical Substances(PICCS)	No
United States & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(S)

State Regulations

US – New Jersey Community RTK (EHS Survey): Reportable threshold

Hydrofluorocarbon 152A	75-37-5	500 lbs
Isobutane	75-28-5	500 lbs
Propane	74-98-6	500 lbs

US – Pennsylvania RTK – Hazardous Substances: posted Substance

Alcohol Denatured	64-17-5	Listed
Isobutane	75-28-5	Listed
Propane	74-98-6	Listed

16. Other information

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Issue date

06 May 2013



Material Safety Data Sheet

WAL-MART **GREAT VALUE DISINFECTANT SPRAY**

EPA REG. NO. 11525-30-41348

Identity: Disinfectant Spray

Section I

Manufacture's Name:

KIK International

Address (Tech Service location)

1 West Hegeler Lane

Danville, IL 61832

Emergency Telephone # 1-800-424-9300

Telephone # for Information

217-442-1400, ext. 320

Date Prepared:

6/20/06 new

Signature (Optional)

Section II -- Hazardous Ingredients/Identity Information

Hazard	Component (inc. CAS#)	OSHA PEL	ACGIH TLV	other limits	% (opt.)
1,2,3,4	ethanol, 64-17-5	400 ppm	400 ppm	ne	~53
4	propane, 74-98-6 (propellant)	1000 ppm	ne	ne	~3
4	Isobutane, 75-28-5 (propellant)	ne	ne	ne	~17

Only the hazardous, toxic etc. materials that are required to be reported are listed above. Chemicals which have hazards in their pure forms may have less effect when diluted in a product.

- 1) eye irritant
- 2) skin irritant
- 3) respiratory irritant
- 4) flammable or combustible
- 5) toxic
- 6) other

(NE = not established in section II)

Section III - Physical/Chemical Characteristics

Boiling Point - NA

Aerosol Density ($H_2O = 1$) - approx. 0.81

Vapor Pressure, PSIG @ 70°F - 50, typical

Melting Point - NA

Vapor Density (air = 1) >1

Evaporation Rate (butyl acetate = 1) <1

Solubility in water - Soluble.

Appearance and Odor - Fine conical spray, with odor of ethyl alcohol and characteristic fragrance notes.

(NA = Not Applicable in Section III)

Section IV - Fire and Explosion Hazard Data

Flash Point - Aerosols usually will have a flash point near that of the propellant, about -100°F. Flammable
Limits - NA

Extinguishing Media - all types

Special Fire Fighting Procedures - NA

Unusual Fire and Explosion Hazards - Exposure to temperatures over 120°F (49°C) may cause bursting or venting. Keep containers cool. Use equipment or shielding to protect personnel from bursting containers.

Section V- Reactivity Data

Stability - Stable

Conditions to Avoid - Temperatures over 120°F

Incompatibility/Materials to Avoid -Alkalis and acids

Hazardous Polymerization or Decomposition - None known

Section VI - Health Hazard Data

Routes of Entry/Health Hazards

Inhalation - Inhalations of high concentrations may cause irritation of the respiratory tract. Symptoms include headaches, dizziness, nausea, vomiting, and malaise. Intentional misuse by concentrating and inhaling vapors may be harmful or fatal.

Skin - Will cause irritation. Repeated contact causes moderate irritation, defatting, and/or dermatitis.

Eyes - Will cause irritation.

Ingestion - Will cause irritation, nausea, vomiting, pain, and possible loss of consciousness.

Carcinogenicity NTP? -no IARC Monographs? -no

Signs and Symptoms of Exposure - Irritation of the skin or eyes; dizziness, nausea, vomiting, pain, loss of consciousness

Medical Conditions Generally Aggravated by Exposure - None known

Emergency First Aid Procedures - Wash Skin with soap and water, or flush eyes with water for 15 minutes. If ingested, call a Physician immediately. Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. If mist, fog, or vapors cause discomfort, remove to fresh air and ventilate area. If irritation or distress still persists, seek medical aid.

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled - Eliminate all sources of ignition. Ventilate area. Mop up excess. Flush off any remaining material with soapy water. Flush again.

Waste Disposal Method - Do not puncture or incinerate (burn) empty or full cans. Dispose of in accordance with state and local regulations for consumer products. Empty cans may be landfilled.

Precautions to be taken in handling and storage - Do not store above 120°F. Do not puncture or burn. Keep aerosols from fire or sparks. Store in accordance with NFPA 30B for Level 2 Aerosols.

Other precautions - NA

Section VIII - Control Measures

Respiratory protection - If handling large industrial or warehouse spills, people should use NIOSH approved respiratory protection.

Ventilation - mechanical

Mechanical - NA

Local Exhaust - NA

Special/Other - NA

Protective Gloves - Recommended if handling large spills.

Eye Protection - Recommended if handling large spills.

Other Protective Clothing or Equipment - Recommended if handling large spills.

Work and Hygienic Practices - Wash hands before eating if material is contacted.

Notes: NA = Not Available

NE = none established

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BALLARD MEDICAL PRODUCTS

12050 Lone Peak Parkway
Draper, Utah 84020
(801) 572-6800
Fax (801) 572-6999

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME WATERLESS HAND SANITIZER	CATALOG No. 408, 4081, 4084	PRODUCT No. E0024	FORMULA No. J-2221-Q
CHEMICAL NAME Mixture	CHEMICAL FAMILY Mixture	DOT INFORMATION PROPER SHIPPING NAME: HAZARD CLASSIFICATION: Not DOT regulated. UN/NA NUMBER:	

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS MATERIAL Isopropanol	CAS No. 67-63-0	% 20	HEALTH HAZARDS Mild irritant to eyes and skin.	EXPOSURE LIMITS IN AIR ACGIH: TWA 400 ppm; STEL 500 ppm OSHA: PEL 400 ppm
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SECTION III - HEALTH HAZARD DATA

CARCINOGENIC LISTING	NTP ☐ Yes ☒ No	IARC MONOGRAPHS ☐ Yes ☒ No	OSHA 29 CFR 1910 ☐ Yes ☒ No
ENTRY ROUTES AND EFFECTS OF OVEREXPOSURE Oral Toxicity: > 5g/kg Contact: Can be irritating to eyes.			
EMERGENCY AND FIRST AID PROCEDURES Contact: For contact with eyes, flush thoroughly with cool water for at least 15 minutes. If irritation continues, get medical attention.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Nonflammable	FLAMMABLE LIMITS: Lel: N/A Uel: N/A
EXTINGUISHING MEDIA: Any	
SPECIAL FIRE-FIGHTING PROCEDURES: None	
UNUSUAL FIRE AND EXPLOSION HAZARDS: None	

SECTION V - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A	VENTILATION: N/A
EYE PROTECTION: N/A	SKIN PROTECTION: N/A
OTHER PROTECTIVE EQUIPMENT: N/A	

MATERIAL SAFETY DATA SHEET

(Continued)

PRODUCT NAME WATERLESS HAND SANITIZER	CATALOG No. 408 4081, 4084	PRODUCT No. E0024	FORMULA No. J-2221-Q
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SECTION VI - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:	None
OTHER PRECAUTIONS:	None

SECTION VII - PHYSICAL DATA

BOILING POINT (°F) About 180 °F	SPECIFIC GRAVITY 0.97
VAPOR PRESSURE (mm Hg) Unknown Vapor is water and isopropanol.	% VOLATILE, BY VOLUME About 95%
VAPOR DENSITY (air = 1) Unknown Vapor is water and isopropanol.	EVAPORATION RATE Unknown
SOLUBILITY IN WATER Complete	APPEARANCE AND ODOR Clear, colorless solution with isopropanol odor.

SECTION VIII - REACTIVITY DATA

STABILITY ☒ Stable ☐ Unstable	HAZARDOUS POLYMERIZATION ☒ Will not occur ☐ Will occur
CONDITIONS OR MATERIALS TO AVOID N/A	HAZARDOUS DECOMPOSITION PRODUCTS N/A

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS Dike and recover liquid into drums. Flush residue with water. Comply with all federal, state and local regulations.
WASTE DISPOSAL METHOD Dispose of in a sanitary landfill. Comply with all federal, state and local regulations.

ACGIH	American Conference of Governmental Industrial Hygienists
IARC	International Agency for Research on Cancer: Monographs
OSHA	Occupational Safety and Health Administration
N/A	Not Applicable
NTP	National Toxicology Program: Annual Report on Carcinogens
PEL	Permissible Exposure Level (OSHA)
TLV	Threshold Limit Value
TWA	Time Weighted Average over 8 hours

This information is, to the best of Ballard's knowledge, accurate but may not be complete. BALLARD MEDICAL PRODUCTS furnishes this information in good faith, but without warranty, representation or guaranty of its accuracy, completeness, or reliability.



Safety Data Sheet

1 - Chemical Product and Company Identification

Manufacturer: WD-40 Company Address: 9715 Business Park Ave San Diego, CA , USA Post code: 92131 Telephone: +1-800-448-9340 +1-858-251-5600 24 Hour Emergency Phone Number: 1-888-324-7596 (PROSAR) Chemical Spills: 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls)	Chemical Name: Organic Mixture Trade Name: WD-40 Aerosol Product Use: Lubricant, Penetrant, Drives Out Moisture, Removes and Protects Surfaces From Corrosion SDS Date Of Preparation: 12/28/17
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2 – Hazards Identification

GHS Classification:

Flammable Aerosol Category 1

Aspiration Toxicity Category 1

Skin Irritation Category 3

Specific Target Organ Toxicity Single Exposure Category 3 (nervous system effects)



DANGER!

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H304 May be fatal if swallowed and enters airways.

H316 Causes mild skin irritation.

H336 May cause drowsiness or dizziness.

Prevention

P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing mist or vapors.

P271 Use only outdoors or in a well-ventilated area.

Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 Do NOT induce vomiting.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER or doctor if you feel unwell.

P332+P313 If skin irritation occurs: Get medical attention.

Storage

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

P501 Dispose of contents and container in accordance with local and national regulations.

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	GHS Classification
Aliphatic Hydrocarbon	64742-47-8	50-70%	Flammable Liquid Category 3 Aspiration Toxicity Category 1 Skin Irritation Category 3 Specific Target Organ Toxicity Single Exposure Category 3 (nervous system effects)
Petroleum Base Oil	64742-56-9 64742-65-0 64742-53-6 64742-54-7 64742-71-8	<25%	Not Hazardous
Non-Hazardous Ingredients	Mixture	<10%	Not Hazardous
Carbon Dioxide	124-38-9	2-3%	Gas Under Pressure: Compressed Gas

4 – First Aid Measures

Ingestion (Swallowed): Aspiration Hazard. DO NOT induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 immediately.

Eye Contact: Flush thoroughly with water. Remove contact lenses if present after the first 5 minutes and continue flushing for several more minutes. Get medical attention if irritation persists.

Skin Contact: Wash with soap and water. If irritation develops and persists, get medical attention.

Inhalation (Breathing): If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

Most Important Symptoms (acute and delayed): Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. Prolonged skin contact may cause drying of the skin. Inhalation of mists or vapors may cause nasal and respiratory tract irritation and central nervous system effects such as headache, dizziness and nausea.

Indication of Immediate Medical Attention or Special Treatment: Immediate medical attention is required for ingestion.

5 – Fire Fighting Measures

Extinguishing Media: Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers.

Unusual Fire and Explosion Hazards: Contents under pressure. Extremely flammable aerosol. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapors can cause a flash fire. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapor and air mixture can create an explosion hazard in confined spaces.

6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Eliminate all sources of ignition and ventilate area. Wear appropriate protective clothing (see Section 8).

Environmental Precautions: Report spills to authorities as required.

Methods and Materials for Containment/Cleanup: Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces

and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.

Conditions for Safe Storage, including any incompatibilities: Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120°F. U.F.C (NFPA 30B) Level 3 Aerosol. Store away from oxidizers.

8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
Aliphatic Hydrocarbon	1200 mg/m ³ TWA (manufacturer recommended)
Petroleum Base Oil	5 mg/m ³ TWA (inhalable) ACGIH TLV (as mineral oil) 5 mg/m ³ TWA OSHA PEL (as oil mist, mineral)
Non-Hazardous Ingredients	None Established
Carbon Dioxide	5000 ppm TWA, 30,000 ppm STEL ACGIH TLV 5000 ppm TWA OSHA PEL

The Following Controls are Recommended for Normal Consumer Use of this Product

Engineering Controls: Use in a well-ventilated area.

Personal Protection:

Eye Protection: Avoid eye contact. Always spray away from your face.

Skin Protection: Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

Respiratory Protection: None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Personal Protection:

Eye Protection: Safety goggles recommended where eye contact is possible.

Skin Protection: Wear chemical resistant gloves.

Respiratory Protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Work/Hygiene Practices: Wash with soap and water after handling.

9 – Physical and Chemical Properties

Appearance:	Light amber liquid	Flammable Limits:	LEL: 0.7% UEL: 5.6% (Aliphatic Hydrocarbon)
Odor:	Mild petroleum odor	Vapor Pressure:	Not established
Odor Threshold:	Not established	Vapor Density:	Greater than 1 (air=1)
pH:	Not established	Relative Density:	Not established
Melting/Freezing Point:	Not established	Solubilities:	Insoluble in water
Boiling Point/Range:	320-388°F (160-198°C) (Aliphatic Hydrocarbon)	Partition Coefficient; n-octanol/water:	Not established
Flash Point:	109°F (43°C) (Aliphatic Hydrocarbon)	Autoignition Temperature:	Not established
Evaporation Rate:	Not established	Decomposition Temperature:	Not established
Flammability (solid, gas):	Flammable Aerosol	Viscosity:	Not established
VOC:	533 grams/liter (65%)	Pour Point:	Not established

10 – Stability and Reactivity

Reactivity: Non-reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide, smoke fumes, unburned hydrocarbons.

11 – Toxicological Information

Symptoms of Overexposure:

Inhalation: Mist or vapors can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

Skin Contact: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Eye Contact: Contact may be irritating to eyes. May cause redness, stinging, swelling and tearing.

Ingestion: This product has low oral toxicity. If swallowed, this material may cause irritation of the mouth, throat and esophagus. Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea, dizziness, drowsiness and other central nervous system effects. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death.

Chronic Effects: None expected.

Medical Conditions Aggravated by Exposure: Preexisting eye, skin and respiratory conditions may be aggravated by exposure.

Suspected Cancer Agent:

Yes No X

Numerical Measures of Toxicity:

Acute Toxicity Estimates: Oral > 5,000 mg/kg; Dermal >2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard.

12 – Ecological Information

Ecotoxicity: No specific aquatic toxicity data is currently available; however components of this product are not expected to be harmful to aquatic organisms

Persistence and Degradability: Components are expected to be readily biodegradable.

Bioaccumulative Potential: Bioaccumulation is not expected based on an assessment of the ingredients.

Mobility in Soil: No data available.

Other Adverse Effects: None Known

13 - Disposal Considerations

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

14 – Transportation Information

DOT Surface Shipping Description: UN1950, Aerosols, 2.1 Ltd. Qty

(Note: Shipping Papers are not required for Limited Quantities unless transported by air or vessel – each package must be marked with the Limited Quantity Mark)

IMDG Shipping Description: UN1950, Aerosols, 2.1, LTD QTY

ICAO Shipping Description: UN1950, Aerosols, flammable, 2.1

NOTE: WD-40 Company does not test aerosol cans to assure that they meet the pressure and other requirements for transport by air. We do not recommend that our aerosol products be transported by air.

15 – Regulatory Information

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

International Information:

China Regulations on the Control over Safety of Dangerous Chemicals: All ingredients in this product are listed on the IECSC (Inventory of Existing Chemical Substances in China 2010).

Korea: All of the components of this product are listed on the Korean chemical inventory.

Philippines: This product contains an ingredient that is not listed on the PICCS. Only limited volumes can be imported. Contact WD40 for more information.

Japan: All of the components of this product are listed on the Japanese chemical inventory.

Taiwan: All the components of this product are listed on the Taiwan Inventory.

16 – Other Information

HMIS Hazard Rating:

Health – 2 (moderate hazard), Fire Hazard – 4 (severe hazard), Physical Hazard – 0 (minimal hazard)

Revision Date: December 2017

Supersedes: November 2015

Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA

2021300/No.