

Material Safety Data Sheet

Bath & Body Work Anti Bacterial Hand Gel - All fragrances

1. Product and company identification

Product name	: Bath & Body Work Anti Bacterial Hand Gel - All fragrances
Material uses	: Hand cleaner.
Supplier	: Bath & Body Works 7 Limited Parkway Reynoldsburg, OH 43068
Manufacturer	: Tri Tech Laboratories - A Division of KDC 1000 Robins Road Lynchburg, Virginia USA 24506
MSDS authored by	: KMK Regulatory Services Inc.
<u>In case of emergency</u>	: CALL 3E COMPANY (24 hours) 1-800-451-8346 (Toll-free in the U.S. Virgin Islands) For calls originating elsewhere: 760-602-8703 (Collect calls are accepted) Hours of operation: 24 hours/day, 7 days/week

2. Hazards identification

When used according to instructions, the product applicable to this MSDS is safe and presents no immediate or long-term health hazards. However, abnormal entry routes, such as gross ingestion, may require medical attention. The product is flammable, as it contains alcohol.

Emergency overview

Physical state	: Liquid. [Clear viscous gel with blue beads]
Color	: Clear.
Odor	: Typical volatile alcohol smell
Signal word	: WARNING!
Hazard statements	: FLAMMABLE LIQUID AND VAPOR.
Precautionary measures	: Do not eat, drink or smoke when using this product. Avoid contact with eyes. Keep away from heat, sparks and flame.
OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Routes of entry	: Dermal contact.

Potential acute health effects

Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin	: No known significant effects or critical hazards.
Eyes	: Mildly irritating to the eyes.

Potential chronic health effects

Chronic effects	: 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.
Target organs	: No known significant effects or critical hazards.

2. Hazards identification

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Eyes : No known significant effects or critical hazards.
Medical conditions aggravated by over-exposure : None known.

See toxicological information (Section 11)

3. Composition/information on ingredients

United States

Name	CAS number	%
Ethyl Alcohol	64-17-5	60 - 100
Propan-2-ol	67-63-0	1 - 5

Canada

Name	CAS number	%
Ethyl Alcohol	64-17-5	60 - 100
Propan-2-ol	67-63-0	1 - 5

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.

4. First aid measures

- Eye contact** : Rinse opened eyes for several minutes under running water. If irritation occurs discontinue use and consult a physician.
- Skin contact** : Can be applied directly to the skin. Stop using the product and get medical attention if irritation develops.
- Inhalation** : Move exposed person to fresh air. Get medical attention if symptoms occur.
- Ingestion** : Get medical attention if symptoms occur.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

- Flammability of the product** : Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Extinguishing media

- Suitable** : Use dry chemical, CO₂, water spray (fog) or foam.
- Not suitable** : Do not use water jet or water-based fire extinguishers.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

6. Accidental release measures

- Personal precautions** : No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up**
- Spill** : Dilute with water and mop up if water-soluble. Place in a suitable container for disposal.

7. Handling and storage

- Handling** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not ingest. Avoid contact with eyes. Store and use away from heat, sparks, open flame or any other ignition source.
- Storage** : Eliminate all ignition sources. 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.

8. Exposure controls/personal protection

United States

Ingredient	Exposure limits
Ethyl Alcohol (pure)	ACGIH TLV (United States, 3/2012). STEL: 1000 ppm 15 minutes. NIOSH REL (United States, 6/2009). TWA: 1900 mg/m ³ 10 hours. TWA: 1000 ppm 10 hours. OSHA PEL (United States, 6/2010). TWA: 1900 mg/m ³ 8 hours. TWA: 1000 ppm 8 hours.
Propan-2-ol (pure)	ACGIH TLV (United States, 3/2012). STEL: 400 ppm 15 minutes. TWA: 200 ppm 8 hours. NIOSH REL (United States, 6/2009). STEL: 1225 mg/m ³ 15 minutes. STEL: 500 ppm 15 minutes. TWA: 980 mg/m ³ 10 hours. TWA: 400 ppm 10 hours. OSHA PEL (United States, 6/2010). TWA: 980 mg/m ³ 8 hours. TWA: 400 ppm 8 hours. OSHA PEL 1989 (United States, 3/1989). TWA: 400 ppm 8 hours. TWA: 980 mg/m ³ 8 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m ³ 15 minutes.

Canada

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m ³	Other	ppm	mg/m ³	Other	ppm	mg/m ³	Other	
Ethyl Alcohol (pure)	US ACGIH 3/2012	-	-	-	1000	-	-	-	-	-	
	AB 4/2009	1000	1880	-	-	-	-	-	-	-	
	BC 9/2011	-	-	-	1000	-	-	-	-	-	
	ON 7/2010	-	-	-	1000	-	-	-	-	-	
	QC 9/2011	1000	1880	-	-	-	-	-	-	-	
Propan-2-ol (pure)	US ACGIH 3/2012	200	-	-	400	-	-	-	-	-	
	AB 4/2009	200	492	-	400	984	-	-	-	-	
	BC 9/2011	200	-	-	400	-	-	-	-	-	
	ON 7/2010	200	-	-	400	-	-	-	-	-	
	QC 9/2011	400	983	-	500	1230	-	-	-	-	

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures	: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Engineering measures	: Manufacture material only with adequate ventilation.
Hygiene measures	: Ensure that eyewash stations and safety showers are close to the workstation location.
Personal protection	
Respiratory	: Not required under normal conditions of use.
Hands	: Not required under normal conditions of use.
Eyes	: Not required under normal conditions of use.
Skin	: Not required under normal conditions of use.

9. Physical and chemical properties

Physical state	: Liquid. [Clear viscous gel with blue beads]
Flash point	: Closed cup: <20°C (<68°F)
Burning time	: Not applicable.
Burning rate	: Not applicable.
Auto-ignition temperature	: Not available.
Flammable limits	: Not available.
Color	: Clear.
Odor	: Typical volatile alcohol smell
Taste	: Not available.
Molecular weight	: Not applicable.
Molecular formula	: Not applicable.
pH	: 6.5 to 8 [Conc. (% w/w): 1%]
Boiling/condensation point	: Not available.
Melting/freezing point	: Not available.
Critical temperature	: Not available.
Relative density	: 0.85 to 0.95
Vapor pressure	: Not available.
Vapor density	: Not available.
Volatility	: Not available.
Odor threshold	: Not available.
Evaporation rate	: Not available.
SADT	: Not available.
Viscosity	: Kinematic (room temperature): 40 to 80 cm ² /s (4000 to 8000 cSt)
Ionicity (in water)	: Not available.
Dispersibility properties	: Not available.
Solubility	: Not available.
Partition coefficient (LogKow)	: Not available.
Physical/chemical properties comments	: Not available.

10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological information

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethyl Alcohol (pure)	LC50 Inhalation Vapor	Rat	124700 mg/m ³	4 hours
	LD50 Oral	Rat	7 g/kg	-
Propan-2-ol (pure)	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-

Chronic toxicity

There is no data available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Ethyl Alcohol (pure)	Eyes - Moderate irritant	Rabbit	-	100 µL	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 mg	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	0.06666667 minutes 100 mg	-
	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	400 mg	-
Propan-2-ol (pure)	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-

Sensitizer

Skin : There is no data available.

Respiratory : There is no data available.

Carcinogenicity

Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Propan-2-ol (pure)	A4	3	-	-	-	None.

Mutagenicity

There is no data available.

Teratogenicity

There is no data available.

Reproductive toxicity

There is no data available.

12. Ecological information

Ecotoxicity : No known significant effects or critical hazards.

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
Ethyl Alcohol (pure)	Acute EC50 17.921 mg/L Marine water Acute EC50 2000 µg/l Fresh water Acute LC50 25500 µg/l Marine water	Algae - Ulva pertusa Daphnia - Daphnia magna Crustaceans - Artemia franchiscana - Larvae	96 hours 48 hours 48 hours
Propan-2-ol (pure)	Acute LC50 42000 µg/l Fresh water Chronic NOEC 4.995 mg/L Marine water Chronic NOEC 0.375 µl/L Fresh water Acute LC50 1400000 to 1950000 µg/l Marine water Acute LC50 1400000 µg/l	Fish - Oncorhynchus mykiss Algae - Ulva pertusa Fish - Gambusia holbrooki - Larvae Crustaceans - Crangon crangon Fish - Gambusia affinis	4 days 96 hours 12 weeks 48 hours 96 hours

Persistence/degradability

There is no data available.

13. Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	UN1266	PERFUMERY PRODUCTS, [WITH FLAMMABLE SOLVENTS]	3	II		Remarks Limited Quantity Exemption
TDG Classification	UN1266	PERFUMERY PRODUCTS, [WITH FLAMMABLE SOLVENTS]	3	II		Remarks Limited Quantity Exemption
IMDG Class	UN1266	PERFUMERY PRODUCTS, [WITH FLAMMABLE SOLVENTS]	3	II		Remarks Limited Quantity Exemption
IATA-DGR Class	UN1266	PERFUMERY PRODUCTS, [WITH FLAMMABLE SOLVENTS]	3	II		Remarks Limited Quantity Exemption

PG* : Packing group

Exemption to the above classification may apply.

AERG : 127

15. Regulatory information

United States

HCS Classification : Flammable liquid

U.S. Federal regulations : **TSCA 8(a) CDR Exempt/Partial exemption**: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

15. Regulatory information

SARA 302/304: No products were found.

SARA 311/312 Hazards identification: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

Clean Water Act (CWA) 307: Benzene

Clean Water Act (CWA) 311: Benzene

Clean Air Act Section 112 : Not listed
(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 : Not listed
Class I Substances

Clean Air Act Section 602 : Not listed
Class II Substances

DEA List I Chemicals : Not listed
(Precursor Chemicals)

DEA List II Chemicals : Not listed
(Essential Chemicals)

SARA 313

	Product name	CAS number	Concentration
Form R - Reporting requirements	Propan-2-ol	67-63-0	1 - 5
Supplier notification	Propan-2-ol	67-63-0	1 - 5

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: Ethyl Alcohol; Propan-2-ol

New York : None of the components are listed.

New Jersey : The following components are listed: Ethyl Alcohol; Propan-2-ol

Pennsylvania : The following components are listed: Ethyl Alcohol; Propan-2-ol

California Prop. 65

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

WARNING: This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Benzene	Yes.	Yes.	6.4 µg/day (ingestion) 13 µg/day (inhalation)	24 µg/day (ingestion) 49 µg/day (inhalation)

Canada

WHMIS (Canada) : EXEMPTED(Cosmetics.)

Canadian lists

Canadian NPRI : The following components are listed: Ethyl Alcohol; Isopropyl alcohol

CEPA Toxic substances : None of the components are listed.

Canada inventory : All components are listed or exempted.

15. Regulatory information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other information

Label requirements : FLAMMABLE LIQUID AND VAPOR.

Hazardous Material : **Health** : 1 * **Flammability** : 3 **Physical hazards** : 0

Information System (U.S.A.)

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

National Fire Protection Association (U.S.A.) : **Health** : 1 **Flammability** : 3 **Instability** : 0

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

Date of issue mm/dd/yyyy : 11/30/2012

Version : 1

Revised Section(s) : Not applicable.

Notice to reader

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.