

# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 1 of 13)

This form is regarded to be in compliance with 29 CFR Part 1910.1200

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product type:** Finished Product - Consumer (Retail) Use only

**Recommended use:** Personal Beauty Care Product

**Uses advised against:** All other uses

**Emergency Telephone** CHEMTREC, Transportation (24HR)  
1-800-424-9300 (U.S./Canada) or 1-703-527-3887  
Mexico toll free in country 01-800-681-9531

## SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products" as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are **exempt** from the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**This product is classified under 29CFR 1910.120(d) and the Canadian Hazardous Products Regulation as follows:**

Hazard pictograms



Signal Word -  
Hazard Statement -

Warning  
H226 Flammable liquid and Vapor

H319 Causes serious eye irritation

Precautionary Statements - Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 2 of 13)

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Precautionary Statements - Response

P303 + P361 + P353 IF ON SKIN (or hair):  
Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Precautionary Statements - Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

Precautionary Statements - (HNOC)

None

**WHMIS:**

Not used to WHMIS classification

**Principle Routes of Exposure:**

None reasonably foreseeable

**General Hazards:**

None

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 3 of 13)

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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**Hazardous ingredients:** Ethanol

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## SECTION 4: FIRST AID MEASURES

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**General advice:** No Hazards which require first aid measures. When symptoms persist or in all cases of doubt seek medical attention.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present after 5 minutes then continue rinsing. If symptoms persist, call a physician.

**Skin Contact:** If skin problems occur, discontinue use. If symptoms persist, call a physician

**Ingestion:** Not an expected route of exposure

**Protection of First-aiders:** Use personal protection equipment

**Notes to physician:** Treat symptomatically

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## SECTION 5: FIRE-FIGHTING MEASURES

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**Flash Point:** 60 Deg C / 140 Dec F (Closed Cup)

**Suitable Extinguishing Media:** Dry Chemical, CO<sub>2</sub> water spray or alcohol-resistant foam.

**Extinguishing media which shall not be used for safety reasons:**  
High volume water jet

**Special Hazard:** Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.

**Hazardous combustion products :** Carbon oxides

**Specific extinguishing methods :** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 4 of 13)

containers from fire area if it is safe to do so. Evacuate area.

**Special protective equipment for fire-fighters:**

As in any fire, wear self-contained breathing apparatus and full protective gear.

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 5 of 13)

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal precautions:** Remove all sources of ignition

**Advice for emergency responders:** Use personal protective equipment

**Environmental precautions:** Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should

**Methods for containment & Clean up:** Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

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## SECTION 7: HANDLING AND STORAGE

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**Advice of safe handling:** Do not breathe vapors or spray mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.

**Conditions for safe storage, including any incompatibilities:**

**Storage Conditioners** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition

**Incompatible products** Do not store with the following product types:

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 6 of 13)

Strong oxidizing agents  
Organic peroxides  
Flammable solids  
Pyrophoric liquids  
Pyrophoric solids  
Self-heating substances and mixtures  
Substances and mixtures which in contact with water  
emit flammable gases  
Explosives Gases

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Exposure Guidelines:** Exposure guidelines are not relevant when product is used as intended in a household setting.

**Engineering Measures:** Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.

### Personal Protection Equipment

**Eye Protection:** Provide eye protection based on risk assessment. Safety goggles

**Hand Protection:** Flame retardant gloves

**Skin & Body Protection:** For prolonged & repeated exposure use protective clothing

**Respiratory Protection:** General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

**Thermal Hazards:** Avoid extreme heat and ignition sources

**Hygiene measures:** None under normal use conditions

**Environmental Exposure Controls:** (See Section 6)

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 7 of 13)

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State @ 20C:** Gel  
**Appearance:** Clear, colorless to slightly yellow  
**Odor:** Distinctive

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH Value	6.50-8.50	
Melting/freezing point	45C-55C / 113 F - 131 F	
Boiling Point:	70.0° C	
Flash Point:	60.0° C	
Evaporation rate:	Not Applicable	
Flammability (solid, gas)	Not available	
Flammability Limits in air	Not available	
upper flammability limit	Not available	
lower flammability limit	Not available	
Vapor Pressure:	Not available	
Vapor Density:	Not available	
Relative density:	Not available	
Water Solubility:	Soluble	
Solubility in other solvents	Partial	
Partition coefficient:		
n-octanol/water	Not available	
Auto-ignition temperature:	Not available	
Decomposition temperature	Not available	
Viscosity of Product:	3,000- 7,000 mPa*s at room temperature	
Bulk Density:	0.850-0.890	
VOC Content:	0%	

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## SECTION 10: STABILITY AND REACTIVITY

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**Reactivity:** None under normal use conditions.

**Stability:** Stable under normal conditions

**Hazardous Polymerization:** Hazardous polymerization does not occur

**Hazardous Reactions:** Flammable liquid and vapor.  
Vapors may form explosive mixture with air.  
Can react with strong oxidizing agents.

**Materials to Avoid:** Avoid Oxidizers

**Hazardous Decomposition Products:** None under normal use

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 8 of 13)

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Product information

**Acute toxicity:** Product does not present an acute toxicity hazard based on known or supplied information

Ingredients: Ethanol

**Inhalation:** Acute inhalation toxicity : LC50: 124.7 mg/l  
Exposure time: 4 h Test atmosphere: vapor

**Skin contact:** No known effect based on information supplied

**Ingestion:** Acute oral toxicity : LD50: > 5,000 mg/kg

**Eye contact:** Result: Irritation to eyes, reversing within 21 days  
Method: OECD Test Guideline 405

### Chronic toxicity:

**Corrosivity:** No known effect based on information supplied

**Sensitization:** No known effect based on information supplied

**Neurological Effects:** No known effect based on information supplied

**Reproductive toxicity:** The product contains no substances know to be hazardous to health inn concentrations which need to be taken into account

**Mutagenic Effects** There are no known mutagenic chemicals in this product

**Developmental Toxicity:** No known effect

**Teratogenicity:** No known effect

**Carcinogenicity:** Contains no ingredients above reportable quantities listed as carcinogen

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## SECTION 12: ECOLOGICAL INFORMATION

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### Ecotoxicity

**Acute toxicity** Toxicity to fish :  
LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates :  
EC50 (Daphnia magna (Water flea)): > 1,000 mg/l

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 9 of 13)

Exposure time: 48 h  
Toxicity to algae :  
EC50 (Chlorella vulgaris (Fresh water algae)): 275  
mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Toxicity to daphnia and other aquatic invertebrates  
(Chronic toxicity) :  
NOEC (Daphnia magna (Water flea)):  
9.6 mg/l Exposure time: 9 d  
  
Toxicity to bacteria : EC50  
(Photobacterium phosphoreum): 3  
2.1 mg/l Exposure time: 0.25 h

**Persistence & degradability:** Result: Readily biodegradable.  
Biodegradation: 84 %  
Exposure time: 20 d

**Bioaccumulative potential:** Ethanol:  
Partition coefficient:  
octanol/water : log Pow: -0.35

**Mobility:** No information available

**Other adverse effects:** No information available

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 10 of 13)

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## SECTION 13: DISPOSAL CONSIDERATION

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### Waste from Residues / Unused Products:

**Household:** Do not discharge product into natural waters without pre-treatment or adequate dilution.

**Non-Household:** Should not be released into the environment. Dispose of in accordance with local regulations

**Contaminated packaging:** Dispose of in accordance with local regulations

**California Hazardous Waste Code:** NOT Applicable, Product classified Non-Hazardous

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## SECTION 14: TRANSPORTATION INFORMATION

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### International Regulation

#### UNRTDG

UN number :	UN 1987
Proper shipping name :	ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
Class :	3
Packing group :	III
Labels :	3

#### IATA-DGR

UN/ID No. :	UN 1987
Proper shipping name :	Alcohols, n.o.s. (Ethanol, Propan-2-ol)
Class :	3
Packing group :	III
Labels :	Flammable Liquids
Packing instruction (cargo aircraft) :	366
Packing instruction (passenger aircraft) :	355

#### IMDG-Code

UN number :	UN 1987
Proper shipping name :	ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
Class :	3
Packing group :	III
Labels :	3

EmS Code :	F-E,
S-D Marine pollutant :	no

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 11 of 13)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number :

UN 1987

Proper shipping name :

ALCOHOLS, N.O.S.

Class :

3

Packing group :

III

Labels :

FLAMMABLE LIQUID

ERG Code :

127

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# SAFETY DATA SHEET (aka mSDS)

CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

4/14/2020 (Page 12 of 13)

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## SECTION 15: REGULATORY INFORMATION

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### U.S. Federal Regulations

#### **SARA 313**

Not applicable for consumer use

#### **SARA 331/312/Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

#### **CERCLA**

Not applicable for consumer use

#### **Food and Drug Administration (FDA)**

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable)

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

Not applicable for consumer use

**Clean Water Act:** Not Applicable for consumer use

**California Prop 65** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

### International Regulations

#### Canada

#### **WHMIS Hazardous Class**

Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirement of CEPA.

### International Inventories

#### **TSCA**

Product is a personal care product and regulated under FDA

#### **DSL/NDSL**

Canadian Domestic Substances List/Non-Domestic Substances List

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CUSTOMER NAME: BODYMED  
PRODUCT NAME: HAND SANITIZER  
FORMULA #: A-63146

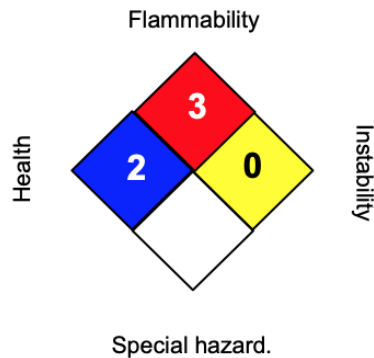
4/14/2020 (Page 13 of 13)

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## SECTION 16: OTHER INFORMATION

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### NFPA:



### HMIS III:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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**END of MSDS**

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