

Note: Information elements for an SDS required by Schedule 1 of the Hazardous Products Regulations (HPR) (WHMIS 2015)

Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier	Misguided Spirits - Hand Sanitizer
Recommended Use	Hand Sanitizer
Restrictions on Use	For external use only. All other uses than those indicated on the product label and technical data sheet.
Initial Supplier	Misguided Spirits
Address	18-1343 Alberni Hwy, Parksville, BC V9P 2B9
Emergency	(250) 616-8386
Telephone Number	

SECTION 2. HAZARD IDENTIFICATION

GHS Classification

Flammable liquids : Category 3
Eye irritation : Category 2A

GHS Label element

Hazard pictograms : 

Signal Word : Warning
Hazard Statements : 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. P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

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.

Storage:

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

Disposal:

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

Other Hazards

Vapors may form an explosive mixture with air

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms
Ethyl Alcohol	64-17-5	>=65% abv	Ethanol / Alcohol
Hydrogen Peroxide	7722-84-1	>=0.125% v/V	Peroxide
Glycerin	56-81-5	1.45% vV	Glycerin
Purified Water	7732-18-8	23.425%	H2O / Water

Notes

SECTION 4. FIRST-AID MEASURES

General Advice

If after exposure you experience ongoing irritation or become unwell seek medical attention. If in doubt seek medical attention

If Inhaled

If inhaled, remove to fresh air. Get medical attention if symptoms persist.

In Case of Skin Contact

Wash with water and soap as a precaution. Get medical attention if symptoms persist.

In Case of Eye Contact

immediately flush eyes with plenty of water for a minimum of 15 minutes.

If easy to do, remove contact lens, if worn. Seek medical attention.

If Swallowed

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

Most Important Symptoms and Effects, Both Acute and Delayed

Causes serious eye irritation. No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Low pressure Water spray, Alcohol-resistant foam Dry chemical, Carbon dioxide (CO2)

Unsuitable Extinguishing Media

High pressure/volume water jet

Specific Hazards During Fire Fighting

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

Hydrocarbons, carbon monoxides and dioxides (COx) and nitrogen dioxide (NOx).

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

Special Protective Equipment for Fire-Fighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear recommended protective equipment(s). Keep unprotected persons away.

Environmental precautions

Avoid Discharge into environment, take steps to prevent leakage or spillage. No special measures required.

Methods and material for containment and cleaning up

Avoid sources of ignition use non sparking tools and equipment. Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of absorbent according to local, regional and national standards. Do not flush with water or aqueous cleansing agents

SECTION 7. HANDLING AND STORAGE**Advice on Safe Handling**

- Do not breathe vapors or spray mist.
- Do not ingest.
- 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 in 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

- Keep out of reach of Children
- Keep in properly labeled containers.
- Keep tightly closed.
- Keep in a cool, well-ventilated place.
- Store in accordance with all local, regional and national regulations.
- Keep away from heat and sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	CAS	TWA	STEL
Ethanol	64-17-5	1000 ppm TWA 1900 mg/m ³ TWA	1000 ppm STEL
Hydrogen peroxide	7722-84-1	1 ppm TWA 1.4 mg/m ³ TWA	
Glycerin	56-81-5	15 mg/m ³ TWA 5 mg/m ³ TWA	

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

None

EYES (SPECIFY)

None

RESPIRATORY (SPECIFY)

None

OTHER (SPECIFY)

None

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear liquid

Color

Clear, Colorless, Transparent

Odor

Alcohol. Mild. Ethereal.

Odor Threshold

No data available

pH

6.5 - 8.5

Melting Point/Freezing Point

No data available

Initial Boiling Point and Boiling Range

70 °C

Flash Point

25 °C

Evaporation Rate

No data available

Flammability (Solid, Gas)

Not applicable

Upper Explosion Limit

No data available

Lower Explosion Limit

No data available

Vapor Pressure

No data available

Relative Vapor Density

No data available

Density

No data available

Solubility(ies) Water Solubility

Soluble

Partition Coefficient: n-octanol/water

Not applicable

Autoignition Temperature

No data available

Decomposition Temperature

Mixture is not classified self-reactive.

Viscosity

No data available

Explosive Properties

Not explosive

Oxidizing Properties

The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not classified as a reactivity hazard.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Flammable liquid and vapor.

Vapors may form explosive mixture with air.

Can react with strong oxidizing agents.

Conditions to Avoid

Sources of ignition Heat, flames and sparks.

Incompatible Materials

Oxidizing agents

Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Information on the likely routes of exposure Inhalation, Skin and eyes contact

Acute toxicity:

Numerical measures of toxicity

· Components Type Value (Species)		
Mean of exposure		
ATE (Acute Toxicity Estimates)		
Oral	LD50	19841 mg/kg

Symptoms related to the physical, chemical and toxicological characteristics

- by inhalation:
 - Vapours may cause irritation to the airways. Inhalation of larger amounts may induce discomfort, nausea, dizziness, headache, narcosis, and unconsciousness.
 - If on the skin: May cause irritation by prolonged contact with skin.
- after ingestion:
 - May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
 - Sensitization: No sensitizing effects known.

· Delayed and immediate effects, and chronic effects from short-term and long-term exposure

Prolonged or frequent contact can cause eczema and inflammation of the skins as a result of degreasing.

Carcinogenicity

IARC (International Agency for Research on Cancer)		
64-17-5	Ethanol	1
7722-84-1	Hydrogen Peroxide	3
56-81-5	Glycerin	N/A
· NTP (National Toxicology Program)		
None of the ingredients is listed.		

SECTION 12. ECOLOGICAL INFORMATION

Behavior in environmental systems:

Bioaccumulate potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicity No relevant information available

General notes: Not known to be hazardous to water.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of according to all local, regional and national regulations

SECTION 14. TRANSPORT INFORMATION

- DOT, IMDG, IATA UN1170
- UN proper shipping name
- DOT Ethanol
- Transport hazard class(es)
- Class 3 Flammable liquids
- Packing group
- DOT II
- Environmental hazards:
- Marine pollutant: No

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

SECTION 16. OTHER INFORMATION

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Revision