

TECHNICAL INFORMATION SHEET

Antiseptic Hand Gel (Ethanol 70%)

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use. Consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer.

While this material is not considered hazardous, this document contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This document should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package.

SECTION I. IDENTIFICATION

Common name:

Antiseptic Hand Gel (Ethanol 70%)

Product Code:

9320-1001

NPN:

80098044

Synonym:

Antiseptic Hand Cleanser

Material uses:

Hand sanitizer

Supplier/Manufacturer:

Galenova Inc.

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In case of emergency:

CANUTEC: (613) 996-6666

SECTION 2. HAZARDS IDENTIFICATIONS

Classification:



Flammable liquid, Category 3
Eye irritation, Category 2A

Signal word:

Warning

Hazard statements:

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P270: Do not eat, drink or smoke when using this product.

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

P321: Move out of dangerous area. Consult a physician. Show this document to the doctor in attendance.

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

P370+P378: In case of fire: See section 5 for extinguishing media.

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

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Name | CAS | Concentration % |
|-------------------------|-----------|-----------------|
| Ethyl alcohol (Ethanol) | 64-17-5 | 70 |
| Water | 7732-18-5 | 10 to 30 |
| Hydroxypropyl cellulose | 9004-64-2 | 0.5 to 1.5 |
| Glycerin | 56-81-5 | 0.5 to 1.5 |

SECTION 4. FIRST AID MEASURES

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this document to the doctor in attendance.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact:

If an irritation occurs, rinse with soap and water. If irritation persists get medical advice/attention.

Inhalation:

Bring the conscious victim to fresh air.

Ingestion:

Rinse mouth with water. Do not induce vomiting. Immediately call a poison center or a doctor.

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

Do not give anything by mouth to an unconscious victim.

SECTION 5. FIREFIGHTING MEASURES

Flammability of the product:

Flammable

Flash point:

9°C / 48.2°F

Auto-ignition temperature:

Data not available

Products of combustion:

Hazardous decomposition products are formed in case of fire, the nature of the decomposition products is not known but should mainly include carbon oxides.

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus with full face shield and appropriate protective clothing.

Suitable extinguishing media:

Water spray, Carbon dioxide, Foam, Dry Chemical.

SECTION 6. ACCIDENTAL RELEASE MEASURES (for large quantities manipulation only)

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Evacuate the area.

For emergency personnel: Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Environmental precautions:

Do not let product enter drains

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

SECTION 7. HANDLING AND STORAGE

Precautions in Handling:

Do not ingest. Do not breathe mist or vapors. Avoid contact with eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTIONS

Control parameters:

| Component | CAS | Value | Control parameters | Basis |
|-------------------------|---------|-------|--|--------|
| Ethyl alcohol (Ethanol) | 64-17-5 | TWA | 1000 ppm | CNESST |
| | | DIVS | 3300 ppm | CNESST |
| Glycerin | 56-81-5 | TWA | 10 mg/m ³ | CNESST |
| | | TLV | 15 mg/m ³ | OSHA |
| | | TLV | 5 mg/m ³ (inhalable fraction) | OSHA |
| | | TWA | 10 mg/m ³ | OSHA |
| | | TWA | 5 mg/m ³ (inhalable fraction) | OSHA |

Engineering controls (for large quantities manipulation only):

Use mechanical exhaust or laboratory fume hood to avoid exposure.

Personal protective equipment (for large quantities manipulation only):

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Liquid

Color:

Clear to amber yellow

Odour:

Alcohol

Melting point/Freezing point:

Data not available

Boiling point:

80°C / 176°F

Appearance:

Viscous Liquid

Flash point:

9°C / 48.2°F

pH:

Data not available

Solubility:

Data not available

Density:

0.85 - 0.87 g/cm³

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

Vapours may form explosive mixture with air.

Conditions to avoid:

Heat, flames and sparks.

Incompatible materials:

Strong oxidizing agents

Hazardous decomposition products:

Hazardous decomposition products are formed in case of fire; the nature of the decomposition products is not known but should mainly include carbon oxides.

SECTION II. TOXICOLOGICAL INFORMATION

Acute toxicity:

| Component | CAS | Value |
|-------------------------|-----------|---|
| Ethyl alcohol (Ethanol) | 64-17-5 | DL ₅₀ Oral: Rat = 7060 mg/kg DL ₅₀ Oral: Mouse = 3450 mg/kg DL ₅₀ Oral: Guinea pig = 5560 mg/kg CL ₅₀ Inhalation: Mouse = 39000 mg/m ³ 4h |
| Hydroxypropyl cellulose | 9004-64-2 | DL ₅₀ Oral: Rat = 10200 mg/kg DL ₅₀ Oral: Mouse > 5000 mg/kg |
| Glycerin | 56-81-5 | DL ₅₀ Oral: Rat = 12600 mg/kg DL ₅₀ Oral: Mouse = 4090 mg/kg DL ₅₀ Oral: Rabbit = 27000 mg/kg |

Skin corrosion/irritation:

Not applicable

Serious eye damage/irritation:

Ethyl alcohol (Ethanol): Causes serious eye irritation

Respiratory or skin sensitisation:

Not applicable

Gem cell mutagenicity:

Not applicable

Carcinogenicity:

Not applicable

Reproductive toxicity:

Not applicable

STOT- Single exposure:

Not applicable

STOT- repeated exposure:

Not applicable

Aspiration hazard:

Not applicable

Information on likely route of exposure:

Not applicable

SECTION 12. ECOLOGICAL INFORMATION

Ecological data for aquatic environments:

| Component | CAS | Value |
|-------------------------|---------|--|
| Ethyl alcohol (Ethanol) | 64-17-5 | CL ₅₀ - Pimephales promelas (fathead minnow) 14200 mg/m ³ - 96h CL ₅₀ - Ceriodaphnia dubia (water flea) 5012 mg/m ³ - 48h |

Persistence and degradability:

Data not available

Bioaccumulative potential:

Data not available

Mobility in soil:

Data not available

Other adverse effects:

Data not available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal:

Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers.

SECTION 14. TRANSPORTATION INFORMATION

| TDG | | |
|--|---|------------------------------|
| UN #: UN1993 | Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Ethanol) | |
| Class: 3 | Packing group: II | |
| Reportable Quantity: | Limited Quantities: I L | Excepted Quantities Code: EI |
| Maximum net quantity per inner packaging: 30 | | |
| Maximum net quantity per outer packaging: 1000 | | |



| DOT | | |
|--|---|------------------------------|
| UN #: UN1993 | Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Ethanol) | |
| Class: 3 | Packing group: II | |
| Reportable Quantity: | Limited Quantities: I L | Excepted Quantities Code: EI |
| Maximum net quantity per inner packaging: 30 | | |
| Maximum net quantity per outer packaging: 1000 | | |



| IMDG | | |
|--|---|------------------------------|
| UN #: UN1993 | Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Ethanol) | |
| Class: 3 | Packing group: II | EMS-No: |
| Reportable Quantity: | Limited Quantities: I L | Excepted Quantities Code: EI |
| Maximum net quantity per inner packaging: 30 | | |
| Maximum net quantity per outer packaging: 1000 | | |

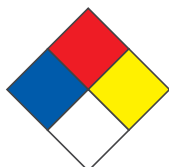


| IATA | | |
|--|---|------------------------------|
| UN #: UN1993 | Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Ethanol) | |
| Class: 3 | Packing group: II | |
| Reportable Quantity: | Limited Quantities: I L | Excepted Quantities Code: EI |
| Maximum net quantity per inner packaging: 30 | | |
| Maximum net quantity per outer packaging: 1000 | | |



SECTION 15. REGULATORY INFORMATION

NFPA Classification:



Health: 1
Flammable: 2
Reactivity: 1
Specials conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

SECTION 16. ADDITIONAL INFORMATION

Date of issue:

2020-06-08

Version:

1.04

Elaborated by:

Galenova Inc.

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither Galenova Inc., nor the 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.

References:

- REPTOX of CNESST
- GHS (rev.8) (2019) globally harmonized system of classification and labeling of chemicals - United Nations
- Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.
- Safety data sheet from the manufacturer.
- Hazardous Products Regulations (DORS/2015-17).
- Canadian Transport of Dangerous Goods.
- Documentation from Toxyscan Inc.