

SAFETY DATA SHEET

1 – PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Hand Sanitizer
Formula #: Various
Issue Date: October 2014
Recommended Use: Personal care/Hand Sanitizer
Manufacturer's Name & Address: Apollo Health and Beauty Care
1 Apollo Place
Toronto, Ontario, Canada M3J 0H2
Telephone No.: (416) 758-3700 Fax: (416) 758-3701
Website: www.apollocorp.com



2 – HAZARDOUS IDENTIFICATION

Emergency Overview

May cause eye irritation

Appearance: Clear gel

Physical State: Liquid

Odor: Mild

Potential Health Effects:

Principal Routes of Exposure: Eye contact. Skin Contact. Inhalation

Acute Toxicity:

Eyes: May cause irritation

Skin: May cause slight irritation

Chronic Effects: None known

Aggravated Medical Conditions: None known

Inhalation: Inhalation of mist or spray may cause irritation of respiratory tract.

Ingestion: May cause irritation of the gastrointestinal tract.

Environmental Hazard: None known

3 – COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No. | Weight % |
|---------------|---------|--------------|
| Ethanol | 64-17-5 | 60.0 -70.0 % |
| Others | | < 2.0 % |
| | | |
| | | |
| | | |

4 – FIRST AID MEASURES

Eyes: Flush eyes immediately with copious amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Wash clothing prior to reuse. Seek medical attention if irritation should develop.

Inhalation: Move to fresh air. If symptoms persist, seek medical attention.

Ingestion: Have conscious patient drink several glasses of water. Keep the air passages clear. Do NOT induce vomiting. Seek medical help. Never give an unconscious patient anything by mouth.

Notes to Physician: Treat symptomatically.

5 – FIRE-FIGHTING MEASURES

Flammable Properties: Yes **Flash Point:** 30-32°C

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous Combustion Products: Carbon oxides

Explosion Data:

Sensitivity to Mechanical Impact: No **Sensitivity to Static Discharge:** No

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Health Hazard 2 **Flammability** 3 **Stability** 0 **Physical & Chemical Hazards:** --

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6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.
Environmental Precautions: Refer to protective measures listed in sections 7 and 8.
Methods of Containment: Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up: Dam up. Soak up with inert absorbent material.

7 – HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Storage: Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: Showers, Eyewash stations, Ventilation systems
Personal Protective Equipment:
Eye/Face Protection: Tight fitting safety goggles.
Skin and Body Protection: No special protective equipment required
Respiratory Protection: No protective equipment is needed under normal conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
Hygiene Measures: When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs.

9-PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|--|
| Appearance: Clear Green | Odor: Mild alcoholic odor | Odor Threshold: Ethanol=0.1-5100 |
| Physical State: Liquid | pH: 6.0-8.0 | Viscosity: 10,000-25,000cps |
| Flash Point: 30-32°C | Decomposition Temperature: No data available | Boiling Point/Range: 80-85°C |
| Melting Point / Range: No data available | Water Solubility: Soluble in water | Solubility: No data available |
| Evaporation Rate: > 1.7 | Vaporation Rate: No data available | Partition Coefficient: n-octanol/water: No data available |

10-STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions. **Conditions to avoid:** Strong acids, strong bases, strong oxidizing agents
Incompatible Products: Not known **Hazardous Decomposition Products:** Carbon oxides
Hazardous Polymerization: Does not occur

11 – TOXICOLOGICAL INFORMATION

Acute toxicity:
Eye Contact: Irritating to eyes
Skin Contact: May cause irritation
Ingestion: No hazard from product as supplied. Ingestion may cause irritation to mucous membranes.
Chronic toxicity: No known effect based on known information
Genetic toxicity: No known effect based on known information based on experimental/calculated data.
Aspiration Hazard: No aspiration hazard expected
Target Organ Effects: None known

12 – ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this has not been fully investigated.
Fish Acute: No data available regarding toxicity to fish Chronic: No data available regarding toxicity to fish
Aquatic invertebrates Acute: No data available regarding toxicity
Chronic: No data available regarding toxicity

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13- DISPOSAL CONSIDERATIONS

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR Part 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR Part 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14 – TRANSPORT INFORMATION

| | | |
|-----------------|-----------------------------|-----------------------------------|
| <u>DOT</u> | Hazard Class- ORM-D | Shipping Name- Consumer commodity |
| <u>TDG</u> | Hazard Class- 3 | PIN- UN # 1170 (Alcohol Solution) |
| <u>MEX</u> | Hazard Class- ORM-D | Shipping Name- Consumer commodity |
| <u>ICAO</u> | Hazard Class- ORM-D ID 8000 | Shipping Name- Consumer commodity |
| <u>IATA</u> | Hazard Class- ORM-D ID 8000 | Shipping Name- Consumer commodity |
| <u>IMDG/IMO</u> | Hazard Class- ORM-D | Shipping Name- Consumer commodity |

15- REGULATORY INFORMATION

International Inventories:

TSCA: Complies
 DSL: Not determined
 EINECS: Complies

U.S. Federal Regulations:

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: **NONE**

| Chemical Name | CAS No | Weight % | SARA 313 - Threshold Value % |
|---------------|--------|----------|------------------------------|
| | | | |

SARA 311/312 Hazard Categories:

Acute Health Hazard: No
 Chronic Health Hazard: No
 Fire Hazard: No
 Sudden Release of Pressure Hazard: No
 Reactive Hazard: No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations:

California Proposition 65

This product does not contain any Proposition 65 chemicals.

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16 – OTHER INFORMATION

All the information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by APOLLO as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does APOLLO assume any liability arising out of use by others or the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or described when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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