

Clean Holdings Original Instant Hand Sanitizer-Fragrance Free Product Number: 30030

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|---------------------|---|---|--|
| Product Name | Clean Holdings Original Instant Hand Sanitizer – Fragrance Free | Effective Date | 04/11/14 |
| Company | Clean Holdings, LLC PO Box 120587 East Haven, CT 06512 USA | Transportation Emergency (24 Hour) Contact | INFOTRAC North America: 1-800-535-5053 |
| Phone Number | Product Information 203-466-3365/ www.cleanholdings.com | Medical Emergencies: | Contact your local poison control center. |

Transportation

DOT: CONSUMER COMMODITY, ORM-D


IATA: CONSUMER COMMODITY, ID8000, Class 9

IMDG: UN1170, ETHANOL SOLUTION, Class 3, LTD QTY

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview

This material is an Over-The-Counter consumer product that is safe for consumers with intended and reasonable foreseeable use.

Hazard Classification: Flammable Liquid, Cat. 3 **Signal Word(s):** Warning **Hazard Symbol(s):** 

Hazard Statement: Flammable liquid and vapor

Precautionary Statements:

- FLAMMABLE. Keep away from fire or flame.
- Do not use in eyes. In case of eye contact, flush thoroughly with water and seek medical attention.
- Stop use and ask doctor if irritation and redness develop and persists for more than 72 hours.
- Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200, WHMIS under the HPA (Canada), or ESIS (Europe).

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>EINECS/ELINCS</u> | <u>Wt %</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|----------------------|-------------------|----------------------|-------------|-----------------|------------------|
| Ethyl Alcohol | 64-17-5 | 200-578-6 | 60-65 | TWA 1000ppm | TWO 1000ppm |

Remaining ingredients are non-hazardous and/or present at amounts below reportable limits and considered confidential.

SECTION 4 – FIRST AID MEASURES

| | |
|---------------------|---|
| Eye Contact | Immediately flush the eye(s) with water for at least 15 minutes while holding eyelids open. Seek medical attention in the event of an adverse reaction or if symptoms of irritation worsen. |
| Skin Contact | In case of irritation, immediately wash affected area with soap and water. Seek medical attention in the event of an adverse reaction or if symptoms of irritation worsen. |
| Ingestion | Seek medical attention if ingestion occurs. |
| Inhalation | Product is not likely to be hazardous by inhalation. If respiratory irritation or distress occurs, remove victim to fresh air and seek medical attention. |

SECTION 5 – FIRE FIGHTING MEASURES

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Flash Point & Method 27°C (80°F)
Tag Closed Cup

Flammability Class OSHA Flammable Liquid, Class IC

Flammability Limits (% by vol)

| | | |
|--------------|--------------|----------------|
| <u>Lower</u> | <u>Upper</u> | |
| 3.3%* | 19.0%* | (*for ethanol) |

Extinguishing Media Chemical foam, dry chemical, carbon dioxide, or water.

Unusual Fire & Explosion Hazards No applicable hazards are known to be associated with this product.

Fire Fighting Instructions Use self-contained breathing apparatus and full protective gear if large quantities of product are involved. Thermal decomposition may include oxides of carbon and nitrogen.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear appropriate protective equipment (see Section 8).

Containment/Cleanup Safely stop source of spill. Dike or contain spill. Absorb with appropriate absorbent. Clean area of spill and absorbent material. Dispose of all washings, sweepings, and absorbents in accordance with all applicable federal, state, and local regulations. Spills may be reportable to the National Response Center (800-424-8802).

SECTION 7 – HANDLING AND STORAGE

Handling Utilize standard safe handling and transportation techniques to avoid spillage or rupture of the product. Avoid eye contact. Do not smoke while using this product.

Storage Store in cool, dry area away from direct sunlight and incompatible materials (see Section 10). Do not freeze. Store between 40 to 100°F (4 to 38°C).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters Industrial Setting: Refer to Section 3 for ingredients with occupational exposure limits.

Engineering Controls This is a consumer product that is safe for consumers under normal and reasonably foreseeable use. For industrial settings, use in well ventilated area.

Personal Protective Equipment
Respiratory protection: Not required.
Eye/Face: Safety glasses or goggles if splash hazards exist.
Skin: Not required.

Work Hygienic Practices Always follow good hygienic work practices.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------|------------------|----------------------------|----------------|
| Color and Appearance | Clear, fluid gel | VOC Content | 60-65% |
| Odor | Fragrance Free | Boiling Point | Not Determined |
| pH | 6.0 – 7.5 | Melting Point | N/A |
| Specific Gravity | 0.810 – 0.870 | Vapor Density | N/A |
| Flash Point | 27°C (80°F) | Solubility in Water | Soluble |

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability Stable under normal storage, handling, use and transportation.

Conditions to Avoid Avoid extreme temperature conditions.

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|---|--|
| Incompatible Materials | Strong acid and alkaline materials. Strong oxidizing and reducing agent. |
| Hazardous Decomposition Products | Oxides of carbon and nitrogen may be released under extreme heat. |
| Hazardous Polymerization | Will not occur. |

SECTION 11 – TOXICOLOGICAL INFORMATION

| | |
|---------------------------------|---|
| Toxicity Tests | Data is not available. |
| Potential Health Effects | <p>Acute Eye: Contact may cause mild, transient irritation.</p> <p>Acute Skin: Not expected to be irritating or sensitizing.</p> <p>Acute Inhalation: Irritating to upper respiratory tract.</p> <p>Acute Ingestion: Oral toxicity is not anticipated, but may cause stomach distress, nausea, or vomiting.</p> <p>Chronic Effects: Not expected to have chronic health effects.</p> <p>Carcinogenicity: Not expected to be carcinogenic.</p> |

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Tests: Data is not available.

Environmental Impact: The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods Unused product is RCRA ignitable hazardous waste (D001). Dispose of according to local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

| <u>Shipment</u> | <u>Identification Number</u> | <u>Proper Shipping Name</u> | <u>Hazardous Classification</u> | <u>Packaging Group</u> |
|-----------------|------------------------------|-----------------------------|---------------------------------|------------------------|
| US DOT | None | CONSUMER COMMODITY | ORM-D | None |
| IATA (air) | ID8000 | CONSUMER COMMODITY | 9 | N/A |
| IMDG (vessel) | UN1170 | ETHANOL SOLUTION | 3 | III, LTD QTY |

SECTION 15 – REGULATORY INFORMATION

| | | |
|------------|------------|--|
| USA | FDA | This product is regulated as an Over-The-Counter (OTC) drug under the Federal Food, Drug, and Cosmetics Act and complies with FDA regulations. |
| | EPA | SARA Title III Sections 302/304, 311/312, and 313 chemical listings: None or none present In regulated quantities. CAA Section 112 listings (TQ): None |

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CERCLA Reportable Quantity (RQ): RCRA D001/Unlisted Ignitable Hazardous Waste
Ethyl Alcohol = 100 lbs

California Proposition 65: This product is not subject to warning labeling.

State Right-To-Know The following ingredients are present in the finished product and are listed on the following state right-to-know lists:

| <u>Ingredient</u> | <u>CAS No.</u> | <u>Percent</u> | <u>State</u> |
|-------------------|----------------|----------------|----------------|
| Ethyl Alcohol | 64-17-5 | 60-65 | MA, NJ, PA, RI |

Canada This product is regulated as a Natural Health Product (NHP) under the Food and Drugs Act and complies with Health Canada regulations. All chemical components of this product are listed on DSL, NDSL, ICL or exempt.

Europe **EU Classification:** Category 3 - Flammable liquid and vapor.
EU Risk Phrases: R10 – Flammable.
EU Safety Phrases: S2 – Keep out of reach of children. S46 – If swallowed, seek medical advice immediately and show this container or label. S56 – Dispose of this material and its container to hazardous or special waste collection point.

SECTION 16 – OTHER INFORMATION

Legend

| | | | |
|--------|---|-------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists | ICL | In-Commerce List (<i>Canada</i>) |
| CAA | Clean Air Act | IMO | International Maritime Organization |
| CAS | Chemical Abstract Service | N/A | Not Applicable |
| CERCLA | CERCLA Hazardous Substances | NDSL | Non-Domestic Substances List (<i>Canada</i>) |
| CFR | Code of Federal Regulations | N/E | Not Established |
| DOT | Department of Transportation | NTP | National Toxicology Program |
| DSL | Domestic Substances List (<i>Canada</i>) | OSHA | Occupational Safety & Health Administration |
| EINECS | European Inventory of Existing Chemical Substances | PEL | Permissible Exposure Limits |
| EPA | Environmental Protection Agency | RCRA | Resource Conservation and Recovery Act |
| FDA | Food and Drug Administration | SARA | Superfund Amendments and Reauthorizations Act |
| HPA | Hazardous Products Act (<i>Canada</i>) | TLV | Threshold Limit Values |
| IARC | International Agency for Research on Cancer | TQ | Threshold Quantities |
| IATA | International Air Transport Association | TWA | Time Weighted Average |
| | | VOC | Volatile Organic Compounds |
| | | WHMIS | Workplace Hazardous Materials Information System |

Revision Date: 04/11/2014

Reason for Revision: Update MSDS format to Globally Harmonized System.

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