

Section 1. PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT: HEALTH MINDER SJS-1451 SENSOR MISTING ALCOHOL HAND SANITIZER
Product Code: 5700601

COMPANY: Sloan Valve Co. Emergency Tel: (800) 424-9300
10500 Seymour Ave. Telephone: (877) 652-6726
Franklin Park, Illinois 60131-1259 Fax: (800) 447-8329

PRODUCT TYPE OR USE: An alcohol mixture for antiseptic treatment of hands.

Section 2. EMERGENCY OVERVIEW

Appearance: A clear, colorless liquid with a mild alcohol odor.

Flammable: Store and use away from high heat, sparks, flame and all other ignition source.

Health Effects: May be harmful or fatal if swallowed. Avoid breathing of vapors. Avoid contact with eyes or mucous membranes where prolonged contact causes irritation.

Section 3. HAZARDOUS INGREDIENTS

| Chemical Identity: | CHEMICAL | CAS # | PERCENT RANGE | Exposure Limits in Air (ppm) | |
|--------------------|-------------------|---------|---------------|------------------------------|------|
| | | | | TLV | OSHA |
| | Ethanol | 64-17-5 | 66 – 76 | 1500 | 1500 |
| | Isopropyl alcohol | 67-63-0 | 5 – 9 | 400 | 400 |

Section 4. POTENTIAL HEALTH EFFECTS

HMS: Health 0 Flammability 3 Reactivity 0 Personal Protection None

Inhalation: No adverse affects are expected for normal use of product as a skin antiseptic. Exposure to over 1500 ppm may cause headache, drowsiness, loss of appetite and inability to concentrate. May cause irritation of the throat.

Eye Contact: Causes eye irritation or tearing on contact. Redness of eye membranes may occur on exposure.

Skin Contact: May cause skin irritation upon prolonged contact. Glycerol content prevents defatting of skin.

Ingestion: May cause upset stomach, vomiting, nausea, diarrhea or Central Nervous System depression.

Carcinogenicity: Ingredients not listed by NTP, OSHA, or IRAC.

Medical Conditions Aggravated by Exposure: None known when product is used according to directions.

Section 5. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for 15 minutes while removing contact lenses. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash with water. If irritation develops, get medical attention.

Ingestion: Harmful if swallowed. Do not induce vomiting. Contact a Poison Center or Physician.

Inhalation: Move to fresh air. If breathing difficulty continues, get medical attention.

Section 6. FIRE FIGHTING MEASURES

NFPA: Health 0 Fire 3 Reactivity 0

Flash Point: 70 ° F (Tag Closed Cup) **Lower Explosion Limit:** 5.5% **Upper Explosion Limit:** 15%

Extinguishing Media: Dry chemical, Carbon Dioxide, or Foam. Water may be ineffective, but water should be used to cool fire exposure containers. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop the leak. Water may be used to flush and dilute spills to a non-flammable mixture.

Special Fire Fighting Procedures: Standard fire fighting procedures may be followed, including wear of full protective gear and NIOSH self-contained breathing apparatus in fire area.

Unusual Fire and Explosive Hazards: Use ventilation to prevent explosive levels of alcohol vapor to develop in air if spilled.

Products of Combustion in Fire: Forms oxides of carbon.

Section 7. ACCIDENTAL RELEASE MEASURES

Contain spill. If a large amount of product is spilled, wear NIOSH approved respirator. Mop up and clean surface with water. Discharge small amounts of diluted chemicals to a sanitary sewer. Caution, spilled product will cause slippery surface. Avoid falls, clean up spills immediately. Spills of this product usually do not need to be reported to the National Response Center because of the small quantity in normal service packages.

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Section 8. STORAGE AND HANDLING

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Store in original package at room temperature. Keep Out Of Reach Of Children. If liquid contacts skin while installing, refill unit in dispenser, wash skin and hands with water.

Other Precautions: Use only in accordance with label directions. If unsure of proper installation in feeder, contact your supervisor. Do not smoke or use near sparks or open flames.

Section 9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection: None usually needed when product is used from a dispenser as a skin antiseptic. If situations for eye contact with product occur, wear safety glasses or chemical goggles.

Skin Protection: None needed under normal use conditions.

Respiratory Protection: None required under normal use conditions.

Ventilation: None required under normal use conditions. Local exhaust when fumes are detected.

Clothing or Other Protective Equipment: No special protection required under normal use conditions.

Work Hygiene Practice: Never eat or smoke when handling chemicals. Wash thoroughly after handling.

Section 10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear, colorless liquid with a mild alcohol odor.

Vapor Pressure (mm Hg): Not determined for mixture.

pH (conc.): 7.5

Solubility in Water: Complete

Specific Gravity (Water = 1): 0.87

Percent Volatiles by Wt.: >97%

Evaporation Rate (water = 1): <1.0

Does not stain or discolor skin, fabrics, plastics, metal, glass, or Formica.

Section 11. STABILITY AND REACTIVITY

Stability: Product is stable.

Reactivity: Non-reactive when used as a skin antiseptic.

Polymerization: Will not occur.

Incompatibility: Do not mix with other chemicals. Do not add chlorine or oxygen bleach to this product.

Section 12. TOXICOLOGICAL INFORMATION

No acute or chronic effects are expected when product is used according to directions.

Section 13. ECOLOGICAL CONSIDERATIONS

No ecological or special considerations are expected when used according to directions. Not considered environmentally harmful from normal dilution, expected usage, and typical drainage to sewers, septic systems and treatment plants.

Ecotoxicity: Not determined. Do not discharge undiluted product into lakes, streams or waterways.

Section 14. DISPOSAL CONSIDERATIONS

Not a regulated hazardous waste under RCRA regulations. No special considerations are required when product is disposed of according to local, state, and Federal regulations.

Container Disposal: Do not reuse container. Rinse empty container with water and discard to a sanitary sewer. Recycle or discard empty container in trash or by other requirements in accordance with local, state or Federal regulations.

Section 15. REGULATORY AND OTHER INFORMATION

MSDS Issued: 11-20-07 **MSDS Revised:** 1-10-08 (Style changed to ANSI format.)

Abbreviations: NA = Not applicable/Not available, NE = Not established.

Transportation Information US DOT (Ground): Regulated Hazardous Material

Proper Shipping Description: Ethanol, 3, UN1170, PGII ORM D – for bottles one liter or less.

SARA 313: This product contains no ingredients required to be reported for Section 313, Title III, Superfund Act, and 40 CFR: 372.

TSCA: All ingredients are listed under the Toxic Substances Control Act or exempt per reference 15 USC 2602 (2) (B).

Notice: The information herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. Information may be changed without notice when additional information is obtained.

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