

Material Safety Data Sheet

Section 1. GENERAL INFORMATION

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COMPANY: Hyso Technology
New York, NY 10033
1-866-HYSOLLC

Emergency Phone: CHEMTREC
(800) 424-9300
Information Phone: (815) 634-5100
Date Prepared: 6/19/07
File: Disinfectant

Product consists mainly of a fragranced alcohol mixture expelled by hydrocarbon propellants.

NFPA Class: Level 3 Aerosols

N.M.F.C. Classification: Deodorants, N.O.I., In Boxes, NMFC Item 57100, Sub 1, Class 60
UN Number – UN 1950

Section 2. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity/Common Name)

	OSHA PEL	ACGIH TLV	%
SD Alcohol (Comprised of			<12.0
(Ethyl Alcohol CAS # 64-17-5		1000 ppm	99.7
*T-butyl Alcohol CAS # 75-65-0)		100 ppm	0.001
Alkyl dimethyl benzyl ammonium			
chloride CAS#68391-01-5			< 0.1%
Ethane, 1,1-Difluoro CAS# 75-37-6		N/E	< 80.0

*Materials that are subject to Section 311, 312 and/or 313 of SARA Title III reporting requirements.

Hazard Ratings: Health: 1 Fire: 3 Reactivity: 0 Other: 0
(N/K = Not Known N/E = Not Established N/A = Not Applicable)

Section 3. PHYSICAL CHEMICAL CHARACTERISTICS

Boiling Point (of conc.): N/E

Specific Gravity (of conc.): 0.92

Container Pressure (psig @ 70F): 55-65 (Internal pressure will increase with temperature)

Melting Point: N/A

Vapor Density (AIR=1): < 1

Evaporation rate: H20=1): > 1

Solubility in water: Complete

Appearance and odor: Concentrate is pale yellow to clear, highly fragranced liquid.

Section 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 125 Degrees F

Flammable Limits: LEL 3.3* UEL 19*

Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires.

Special Fire Fighting Procedures: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas.

Unusual Fire and Explosion Hazards: Flammable vapors may travel along floor to ignite by distant ignition sources.

Pressurized containers involved with fire may develop sufficient pressure to rupture with explosive force. Cool exposed containers with heavy water spray.

(* For pure ethanol)

Section 5. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Keep away from heat or ignition sources.

Incompatibility: Keep concentrate away from strong oxidizing agents.

Hazardous Decomposition or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

Conditions to avoid: None known when used as directed.

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Section 6. HEALTH HAZARD DATA

Route(s) of Entry: Primary – Inhalation. Eye, skin and ingestion.

Health Hazards (Acute and Chronic): Inhalation – irritation of respiratory tract.

Eye – irritation; possible damage from large doses. Ingestion – irritation of gastro-intestinal tract. Skin – possible irritation from large doses.

Carcinogenicity: N/A

Signs and Symptoms of Overexposure: Inhalation – irritation of respiratory tract, headache, dizziness, fatigue. Ingestion – irritation of gastro-intestinal tract, nausea, diarrhea, vomiting. Eye – irritation or burning sensation. Skin – irritation or reddening.

Medical Conditions Generally Aggravated by Exposure: None known, when used as directed.

Emergency and First Aid Procedures: Inhalation – remove victim to fresh air, obtain medical attention if necessary. Ingestion – call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes – flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(Note: This product is considered safe when used as directed.)

Section 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled. Eliminate all ignition sources (vapor flammable). Ventilate area. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non-flammable absorbent material for disposal.

Waste Disposal Method(s): Incineration of liquid, incineration or landfill of contaminated absorbent in accordance with local, state or federal regulations. Contact local authorities for proper disposal method.

Precautions to be Taken in Handling and Storing: Product should be kept in cool, dry environment. Keep product away from ignition sources.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. USE ONLY AS DIRECTED ON LABEL. DISPOSE OF CONTAINER PROPERLY. DO NOT PUNCTURE OR ATTEMPT TO OPEN PRESSURIZED CONTAINER UNDER ANY CIRCUMSTANCES.

Section 8: CONTROL MEASURES

Respiratory Protection (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors.

Ventilation: For salon use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable.

Protective Gloves: None necessary when product is used as directed.

Eye Protection: Avoid contact with eyes. None necessary when product is used as directed.

Work/Hygienic Practices: Normal safe working practices.

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