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PRODUCT: Antiseptic Solution

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	%
Isopropyl Alcohol	400 ppm		STEL: 500ppm	17.8%
Benzalkonium chloride	None Established			0.13%

SECTION III: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: > 180° F
Vapor Pressure (mm Hg.): 33 mmHg @ 68° F (Isopropyl alcohol)
Vapor Density (AIR = 1): Not Available
Specific Gravity (H₂O = 1): 0.983
Melting Point: Not Applicable
Evaporation Rate (Butyl Acetate = 1): Not Available
Solubility in Water: Soluble
Appearance and Odor: Clear solution; citrus odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Approx. 90° F
Flammable Limits: (based on Isopropyl alcohol)
LEL: 2.0 %
UEL: 12.7%
Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam
Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: **FLAMMABLE LIQUID.** Vapors may cause a flash fire or ignite explosively. In large quantities vapors may travel a considerable distance to a source of ignition and flash back.

SECTION V: REACTIVITY DATA

Stability

Unstable: No
Stable: Yes
Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Strong oxidizers, acids and alkalis

Hazardous Decomposition

or Byproducts: Carbon Dioxide, Carbon Monoxide, Toxic products of combustion.

**Hazardous
Polymerization**

May Occur: No
Will Not Occur: Yes
Conditions to Avoid: NA

SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry

Inhalation? Yes
Skin? Yes
Ingestion? NA

Health Hazards (Acute and Chronic):
Skin Contact: Can cause drying and irritation of skin.
Eye Contact: Can cause irritation of the eyes.
Inhalation: Can cause irritation of the mucous membranes, dizziness, drowsiness, low blood pressure, respiratory depression, loss of coordination, kidney damage.
Ingestion: See Inhalation effects.

Carcinogenicity

NTP? NA
IARC Monographs? NA
OSHA Regulated? NA

Signs and Symptoms of Exposure: Drying, cracking, irritation of skin. See health hazards section.

Medical Conditions Generally

Aggravated by Exposure: Preexisting skin disorders, lung and kidney disorders.

Emergency and First Aid Procedures:
Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists.
Eye Contact: Flush eyes with copious amounts of water. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Seek medical attention if symptoms persists or if breathing is difficult.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case
Material is Released or Spilled: Remove sources of ignition. Absorb liquid with absorbent material. Prevent released material from entering sewer system. Wear gloves.

Waste Disposal Method: Incineration. Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken
in Handling and Storing: **FLAMMABLE LIQUID.** Keep away from sparks, flames and high temperatures. Store away from incompatible materials.

Other Precautions: **KEEP OUT OF REACH OF CHILDREN**

SECTION VIII: CONTROL MEASURES

Respiratory Protection (Specify Type): Organic Vapor

Ventilation

Local Exhaust: Recommended
Mechanical
(General): Recommended
Special: NA
Other: NA

Protective Gloves: Alcohol resistant gloves

Eye Protection: Safety glasses/Goggles

Other Protective Clothing
or Equipment: Any protective equipment or clothing that will minimize contact with this material.

Work / Hygienic Practices: Good hygienic practice