Material Safety Data Sheet (MSDS)

Date of Issue: 5/1/1998
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SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name: Decon Laboratories, Inc.
Trade Name: CiDehol® ST
Sterile 70% Isopropyl Alcohol Solution

Emergency Telephone
U.S.: (800) 424-9300
Canada: (703) 527-3887

Chemical Name or Synonym: N/A
Info Telephone: 610-755-0800

Mfg. Address: 460 Glennie Circle
City: King of Prussia
State, Zip: PA 19406

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Chemical Name</th>
<th>Percent</th>
<th>PEL</th>
<th>TLV</th>
<th>Other Limits Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0</td>
<td>Isopropyl Alcohol</td>
<td>70</td>
<td>1000 ppm</td>
<td>400 ppm</td>
<td>STEL=500 ppm</td>
</tr>
</tbody>
</table>

Additional Information: Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

SECTION III - PHYSICAL DATA

pH as Distributed: N/A
Specific Gravity: 0.8707
Freezing Point °F: N/A
% Volatile by wt @ 105°C / 1 hr: 100%
pH @ Solution: N/A
Odor: Mild
Appearance: Colorless Liquid
Solubility: Complete

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: 69° F (Closed Cup)
LEL: 2
UEL: 12

Extinguishing Media: Use water fog. "alcohol" foam, dry chemical or CO₂

Special Fire Fighting Procedures: WARNING: Flammable. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed container with water.

Unusual Fire / Expl Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Additional Information:

Hazard Ratings
HMIS: Health = 1  Flammability = 3  Reactivity = 0  Personal Protection = B
NFPA: Health = 1  Flammability = 3  Reactivity = 0
CiDehol® ST Sterile 70% Isopropyl Alcohol Solution

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects)

ACUTE (Primary Route of Exposure)
EYES: Product mists can cause eye irritation (watering)
SKIN: Can cause mild skin irritation
INHALATION: Product mists can cause headaches and/or dizziness.
INGESTION: May cause nausea or vomiting. ORAL LD50=5.84g/kG.

SUBCHRONIC, CHRONIC, OTHER: None known.

Carcinogenicity Data: NTP: None known  IARC: N  OSHA: N  OTHER: N/A

First Aid

Eyes: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin: Flush skin with water. If irritation occurs, seek medical attention.
Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.
Ingestion: DO NOT give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting. Keep victim's head below hips while vomiting. Seek immediate medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable.  Conditions to Avoid: None known.

Incompatibility: Avoid heat, sparks, flame and contact with strong oxidizing agents.
Do not store or handle in aluminum equipment at temperatures above 120°F.

Decomposition: Carbon Monoxide, and unidentified organic compounds may be formed during combustion.

Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Spill Procedures: Extinguish and do not turn on any ignition sources until the area is determined to be free from fire or Explosion hazard. Small spills may be flushed with large amounts of water; larger spills should be collected for disposal. Prevent large quantities from entering sewers, watercourses or low areas.

At very low concentrations, this product is biodegradable in a biological wastewater treatment plant.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory: If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator.
Eyes: Chemical goggles or face shield.
Protective Gloves: Rubber Gloves.
Ventilation: Local and mechanical exhaust recommended.
Other Clothing and Equipment: Other clothing as required to minimize contact.

SECTION IX - ADDITIONAL INFORMATION

Safe Handling and Storage: Do not use in or near eyes. Use in only well-ventilated area; fumes may be toxic.
For external use only.

SECTION X - TRANSPORTATION INFORMATION

DOT Hazard Class: Products  Shipping by Ground
#8316, #8332 Limited Quantity (UN1219, Isopropanol solution, 3, PGII, LTD QTY)
#8312, #8329 ORM-D-Consumer Commodity (DOT 49 CFR 173.150)
#8301 UN1219, Isopropanol solution, 3, PGII

Shipment by boat: UN1219, Isopropanol solution, 3, PGII
Shipment by Air: UN1219, Isopropanol solution, 3, PGII

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