

DisCide® Ultra Disinfecting Spray

(MSDS#)

MATERIAL SAFETY DATA SHEET

Identity: DisCide® Ultra Disinfecting Spray

HEALTH HAZARD DATA

Manufactured for: Palmero Health Care
120 Goodwin Place
Stratford, CT 06497
Fax (203) 3770-8988

EPA#: 10492-5
Code #: 3564, 3565Q,
3565G, 3566

Emergency Call: 800-255-3924
Information Call: 203-377-6424

Date Prepared: 9/8/98
Prepared By: RP

CARCINOGENICITY:

NTP: None **IARC:** Not classifiable, inadequate for humans

HEALTH HAZARDS

Acute: Vapor irritates eyes, nose and throat. Liquid will temporarily damage eye tissue.
Chronic: Prolonged and/or repeated skin contact may be irritating.

COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	PEL	STEL	%
Isopropyl alcohol	400ppm	500ppm	63.25%
Quaternary Ammonium Compound	Not Applicable		<1%

EFFECTS OF OVER EXPOSURE: Mild irritation of the eyes, nose and throat. Drowsiness, headache and incoordination may also occur. Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Expose to fresh air
Eyes: Flush with water for 15 min. and call physician
Skin: Flush with water
Ingestion: Medical attention

Keep individual calm and call physician.
If breathing has stopped give CPR and call physician.

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 180 F
Specific Gravity (H₂O=1): 0.7865
Vapor Pressure (mm Hg.): 33mm Hg at 20 C
Melting Point: -128 F
Vapor Density (AIR=1): 2.1
Evaporation Rate (Butyl Acetate = 1): 2.83
Solubility in Water: >10% in water
Appearance and Odor: Clear and alcohol with herbal scent

PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken In Case Material is Released or Spilled: Remove all ignition sources. Ventilate area of spill or leak. Absorb & evaporate in a safe place. Prevent from entering sewers, water courses or low areas.

Waste Disposal Method: Absorb in vermiculite, dry sand, earth or similar material and dispose in a secured sanitary landfill, or atomize in a suitable combustion chamber.

FIRE and EXPLOSION HAZARD DATA

Flash Point: 81° F closed cup mixture
Flammable Limits, air volume %
Lower Level: 2.0
Upper Level: 12.0
Extinguishing Media: Dry Chemical or alcohol type foam.
Waterspray may be ineffective.
Special Fire Fighting Procedures: Use waterspray to cool fire-exposed surfaces and to protect personnel.
Unusual Fire and Explosion Hazards: WARNING! This product is flammable. Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water.

Precautions to Be Taken in Handling and Storing: Keep closed, do not handle or store near flame, heat or strong oxidants. Adequate ventilation required.

Other Precautions: All handling equipment should be electrically grounded.

RESPIRATORY PROTECTION: Use approved respiratory protection such as air-supplied mask if used in an enclosed space.

REACTIVITY DATA

STABILITY **Unstable:** **Stable: X**
Incompatibility (Materials and Conditions to Avoid): Danger when exposed to heat, flame or oxidizers.

Hazardous Decomposition or Byproducts: Toxic gases and vapors may be released in a fire involving isopropyl alcohol.

Hazardous Polymerization **May Occur: X** **Will not Occur:**

NFPA: **Health = 1**
 Flammability = 3
 Reactivity = 0

VENTILATION

Local Exhaust: Face Velocity >60fpm in confined space
Special: None
Mechanical: Explosion-proof ventilation equipment
Other: No smoking or open lights

Protective Gloves: Chemically resistant

Eye Protection: Chemical splash goggles or face shield

Other Protective Clothing or Equipment: Not usually needed.

Work/Hygienic Practices: N/A