

# DisCide® Ultra Disinfecting Spray

MSDS#

## MATERIAL SAFETY DATA SHEET

**Identity:** DisCide® Ultra Disinfecting Spray

**Manufactured for:** Palmero Health Care      EPA#: 10492-5  
120 Goodwin Place      Code # : 3564, 3565Q,  
Stratford, CT 06497      3565G, 3566  
Fax (203) 3770-8988

**Emergency Call:** 800-255-3924      **Date Prepared:** 9/8/98  
**Information Call:** 203-377-6424      **Prepared By:** RP

### COMPOSITION/INFORMATION ON INGREDIENTS

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

### PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** 180 F  
**Specific Gravity (H<sub>2</sub>O=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

### 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.

### 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

### HEALTH HAZARD DATA

#### 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.

**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.

### 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.

**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.

#### VENTILATION

**Local Exhaust:** Face Velocity >60 fpm 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