

MATERIAL SAFETY DATA SHEET

Identity: **DisCide® Ultra Disinfecting Spray**

Section I

Manufactured for: **EPA#:** 10492-5
Palmero Health Care **Code # :** 3565G, 3565Q
120 Goodwin Place, Stratford, CT 06615 3564
Fax (203) 377-8988

Emergency Call: 800-255-3924 **Date Prepared:** 9/8/98
Information Call: 203-377-6424 **Updated:** 6/28/07 **By:** RP

Section II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENT	PEL	TLV	%
Isopropyl alcohol (CAS #67-63-0)	400ppm	500ppm	63.25
Quaternary Ammonium Chlorides	N/A	N/A	<1
Inert Ingredients	N/A	N/A	36.51

Section III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 0.87
Vapor Pressure (mm Hg.): 33mm Hg at 20 C
pH: 6.88
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
Viscosity: 3.6583 Cst/s

Section IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: 81 F (closed cup)
Flammable Limits, air volume % **LEL:** 2.0
UEL: 12.0
Extinguishing Media: Dry chemical or alcohol type foam.
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.

Section V REACTIVITY DATA

STABILITY **Unstable:** **Stable:** X
Incompatibility (Materials and Condition 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: **Will not Occur:** X

Section VI HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation? Yes Skin? Yes Ingestion? Yes
HEALTH HAZARDS (Acute & Chronic):
Acute: Vapor irritates eyes, nose and throat. Liquid will temporarily damage eye tissue.
Chronic: Not determined.

CARCINOGENICITY

NTP? No
IARC? Not classifiable, inadequate for humans
OSHA Regulated? No

SIGNS AND SYMPTOMS OF 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

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Section VII 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 and evaporate in a safe place. Prevent from entering sewers, water courses or low areas.
Waste Disposal Method: Do not reuse towelette or empty container. Wrap towelette container and discard in trash.
Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed according to Federal, State and local regulations for infectious waste disposal.
Precautions to Be Taken in Handling and Storing: Keep closed, do not handle or store near flame, heat or strong oxidants. Adequate ventilation required.
Do not contaminate water, food or feed by storage and disposal.
Physical or Chemical Hazards: FLAMMABLE. Keep away from heat or open flame.
Other Precautions: When applying product to electrical equipment, ensure the equipment is grounded.

Section VIII CONTROL MEASURES

VENTILATION

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

PERSONAL PROTECTION

Protective Gloves: Wear disposable latex gloves, as appropriate, when handling HIV-1, HBV, and HCV infected blood or body fluids.
Eye Protection: Wear eye covering, as appropriate, when handling HIV-1, HBV, and HCV infected blood or body fluids.
Other Protective Clothing or Equipment: Wear a face mask and protective gown, as appropriate, when handling HIV-1, HBV, and HCV infected blood or body fluids.
Work/Hygienic Practices: N/A

Section IX OPTIONAL HAZARD RATINGS IDENTIFICATION

NFPA Fire Hazards Identification System: Health = 1
Flammability = 3
Reactivity = 0