DisCide® One Minute Disinfecting Towelettes

MSDS#

MATERIAL SAFETY DATA SHEET

Identity: DisCide® One Minute Disinfectant Towelettes

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

EPA#: 10492-4
Code # : 60DIS, 10DIS
50DIS-7 and 50DIS-10

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

Date Prepared: 4/01/97
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_20=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: 75 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>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

Part # 82189-381