

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
Product Identifier: DisCide Ultra Disinfecting Towelettes		Product P/N: 10DIS, 60DIS		WHMIS Classification: Class B
Product Use: For disinfecting surfaces			EPA#: 10492-4	
Manufacturer's Name: Palmero Health Care		Supplier's Name: Palmero Health Care		
Street Address: 120 Goodwin Place		Street Address: 120 Goodwin Place		
City: Stratford	State: CT	City: Stratford	State: CT	
Postal Code: 06615	Emergency Telephone: 800-255-3924	Postal Code: 06615	Emergency Telephone: 800-255-3924	
Date MSDS Prepared: 5/17/2013	MSDS #: 100	MSDS Prepared By: BD	Phone Number: 203-377-6424	
SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS				
Hazardous/Ingredients (specific):	%	CAS Number	PEL	TLV
Isopropyl Alcohol	63.25%	67-63-0	400 ppm	500 ppm
Quaternary Ammonium Chlorides	< 1		Not Applicable	Not Applicable
Inert Ingredients	36.51%		Not Applicable	Not Applicable
SECTION 3 - HAZARD IDENTIFICATION				
Route of Entry:	<input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion			
<p>Potential Health Effects: Mild irritation of the eyes, nose, and throat. Drowsiness, headache and incoordination may also occur. Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death.</p> <p>Medical conditions generally aggravated by exposure: Acute: Vapor irritates eyes, nose, throat. Liquid will <u>temporarily</u> damage eye tissue. Chronic: Not determined</p>				
SECTION 4 - FIRST AID MEASURES				
Skin Contact: Wash with soap and water. If irritation persists, obtain medical attention				
Eye Contact: Hold eye open and rinse slowly and gently with plenty of cool 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				
Inhalation: Remove person to fresh air				
Ingestion: Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death. Call a poison control center or doctor for treatment advice				
Other:				

SECTION 5 - FIRE FIGHTING MEASURES

Flammable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, under which conditions: Excess heat and open flame WARNING! This product is flammable		
Means of Extinction: Dry chemical or alcohol type foam. Use water spray to cool fire exposed surfaces and to protect personnel. Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water			
Flashpoint (°F) and Method: 81°F Closed Cup;	27.22°C	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
		12.0	2.0
Hazardous Combustion Products: Isopropyl alcohol			
NFPA Legend:	Insignificant - Extreme 0 1 2 3 4	HMIS Legend:	4=Extreme 3=Serious 2=Moderate 1=Slight 0=Minimal
<input checked="" type="checkbox"/> NFPA 30 Class IC <input type="checkbox"/> HMIS Health=1 Fire=3 Reactivity=0 Protective Equipment=Not Applicable			

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: 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

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment: Do not reuse empty container or towelette. Wrap empty towelette container and dispose 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. When applying product to electrical equipment, ensure the equipment is grounded.

Storage Requirements: 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 or disposal. FLAMMABLE. Keep away from heat or open flame.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process): Local Exhaust: Face Velocity > 60 fpm in confined space. Mechanical: Explosion-proof ventilation equipment. Other: No smoking or open flame.			
Personal Protective Equipment:	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type: Wear disposable latex gloves and eyewear protection, as appropriate, when handling HIV-1, HBV, and HCV infected blood or body fluids. Face Mask and gown may be worn for added protection when handling infectious blood and body fluids.			

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid impregnated on a towelette	Odor and Appearance: Clear alcohol with herbal scent	Odor Threshold (ppm): 22
Specific Gravity (water=1): 0.87	Vapor Density (air=1): 2.1	Vapor Pressure (mmHg): 33mm Hg at 20°C
Evaporation Rate (butyl acetate=1): 2.83	Boiling Point (°F): Not Applicable	Freezing Point (°F): Not Applicable
pH: 6.88	Viscosity: 3.6583 Cst/s	Solubility in Water: > 10% in water

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	if no, under what conditions?
Incompatibility with Other Substrates:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	if yes, which ones?
Reactivity, and under what conditions? Danger when exposed to heat, flame, or oxidizers		
Hazardous Decomposition Products: Toxic gases and vapors may be released in a fire involving isopropyl alcohol		

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure: Vapor irritates eyes, nose, and throat. Liquid will temporarily damage eye tissue.	
Effects of Chronic Exposure: Not determined	
Irritancy of Product: Mild irritation of the eyes, nose, and throat. Drowsiness, headache and incoordination may also occur. Swallowing is	
Skin Sensitization: Not Applicable	Respiratory Sensitization: Not Applicable
Carcinogenicity-IARC: Not classified. Inadequate for humans	Carcinogenicity-ACGIH: No
Reproductive Toxicity: No	Teratogenicity: No
Embrototoxicity: No	Mutagenicity: No
Name of synergistic products/effects:	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: Prevent from entering sewers, water courses or low areas

SECTION 13 - DISPOSABLE CONSIDERATIONS

Waste Disposal: Do not reuse empty container or towelette. Wrap empty 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.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information: PIN TDG DOT IMO ICAO Other

Instructions: UN1987; Proper Shipping Name: Alcohols, n.o.s. (ISOPROPYL ALCOHOL); Class 3 ; Packing Group III

SECTION 15 - REGULATORY INFORMATION

WHMIS Classification: Class B	OSHA: Not Applicable
EPA: Registered 10492-4	TSCA: Not Applicable
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CFR) and the MSDS contains all of the information required by CFR.</i>	

SECTION 16 - OTHER INFORMATION

Other Information: