

HAZARD RATING: 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL		<h1 style="margin: 0;">MATERIAL SAFETY DATA SHEET</h1>
		Name: Multi-Use Disinfectant (Product Central# 100)
		Product Number: PC100 EPA Reg. No. 47371-129-1674

SECTION I: Manufacturer Information

Manufacturer: M.D. Stetson Company, Inc. Address: 92 York Avenue Randolph, MA 02368 Telephone: 781-986-6161	Emergency Telephone: 1-800-535-5053 Date Prepared: 5/20/03 Supersedes Date: NEW Preparer: Jay C. Chapin
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SECTION II: Ingredients/Identity Information

Components	CAS Number	Percent	OSHA PEL	ACGIH TLV
Di-n-decyldimethyl ammonium chloride	7173-51-5	9.7%	N/E by OSHA	or ACGIH
Dimethyl benzyl ammonium chloride	8001-54-5	6.47	N/A	N/A
Trisodium ethylene diamine tetra acetic	150-38-9	3.7	1000ppm	1000ppm
Ethanol	64-17-5	3.1		

SARA Section 313 Toxic Chemicals: None

SECTION III: Physical/Chemical Characteristics

Boiling Point: N/D	Vapor Pressure: 17.5mm @ 68°F	pH: 7.2-8.7
Specific Gravity: 1.0g/ml	Vapor Density: Heavier than air	
Solubility in Water: Complete	Evaporation Rate: Not known	
Volatile Organic %: 3.1%	Appearance and Odor: Blue liquid, odor characteristic.	

SECTION IV: Fire and Explosion Hazard Data

Flash Point: 200°F	Flammable Limits: Lower N/E
Extinguishing Media: Alcohol foam, carbon dioxide	Upper N/E
Special Fire Fighting Procedures: Cool fire exposed containers with water	
Unusual Fire and Explosion Hazards: Products of combustion are toxic.	

SECTION V: Reactivity Data

Stability:
 Unstable **Conditions to Avoid:** None known
 Stable

Incompatibility (materials to avoid): Do not mix with chlorine bleach or acid cleaners.

Hazardous Decomposition or Byproducts: Hydrochloric acid, oxides of carbon and carbon.

Hazardous Polymerization:
 May Occur **Conditions to Avoid:** None known
 Will Not Occur

N/A - Not Applicable N/E - Not Established N/D - Not Determined ca. - Approximately

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Product Name: **Multi-use Disinfectant (Product Central #100)**

Number: **PC100**

SECTION VI: Health Hazard Data/First Aid Procedures

Routes of Exposure: Inhalation Eyes Skin Ingestion

Signs and Symptoms of Exposure

Acute: Inhalation of misted product causes irritation to mucous membranes. Corrosive to eyes. Irritates skin. Ingestion may be fatal (n-alkylammonium chloride LD50 366mg/kg). Throat irritation. Burning pain in mouth, throat and abdomen.

Chronic: No information

Carcinogenicity: NTP No IARC Monographs No OSHA Regulated No

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis

Emergency First Aid Procedures

Inhalation: Move victim to fresh air. Give artificial respiration if victim is not breathing. Get medical attention.

Eyes: Flush with water for at least 15 minutes. Get medical attention.

Skin: Flush with water. Remove contaminated clothing. Get medical attention if irritation persists.

Ingestion: Drink 3-4 glasses of milk or, if unavailable, drink plenty of water. Get medical attention. Note to physician: Probable mucosal damage may counterindicate the use of gastric lavage.

SECTION VII: Precautions for Safe Handling and Use

Handling and Storage: Keep out of reach of children. Store at ambient room temperature and below 140°F.

Release or Spill: Dike and Contain. Collect for disposal. Do not allow product into streams or bodies of water/drains. Product is toxic to fish.

Waste Disposal: This product is EPA/FIFRA registered and is under 40CFR disposal regulations.

SECTION VIII: Control and Protection Measures

Respiratory Protection: Do not breath mist.

Ventilation: Ventilation recommended.

Protective Gloves: Use of protective gloves is recommended.

Eye Protection: ANSI approved chemical goggles required.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Avoid contamination of food.

SECTION IX: Transportation (DOT Classification)

Hazard Class: 8, Corrosive liquid, N.O.S. (quaternary ammonium compound) UN1903, PG II.

SECTION X: Other Regulatory Controls

Hazard categories for SARA 311/312 Health (immediate) Yes
Health (delayed) Yes

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately