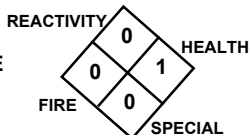


HAZARD RATING:

4 - SEVERE
3 - SERIOUS
2 - MODERATE
1 - SLIGHT
0 - MINIMAL



MATERIAL SAFETY DATA SHEET

Name: **ANTI-FREEZE GLASS CLEANER**

Product Number: **ANTIFREEZ**

SECTION I: Manufacturer Information

Manufacturer: M.D. Stetson Company, Inc.

Emergency Telephone: **1-800-535-5053**

Address: 92 York Avenue
Randolph, MA 02368

Date Prepared: 04/05/04

Supersedes Date: 11/30/94

Telephone: 781-986-6161

Preparer: Jay C. Chapin

SECTION II: Ingredients/Identity Information

Components	CAS Number	Percent	OSHA PEL	ACGIH TLV
Propylene glycol monomethyl ether	111-77-3	7.0%	100ppm	100ppm

SARA Section 313 Toxic Chemicals None

SECTION III: Physical/Chemical Characteristics

Boiling Point: 212°F	Vapor Pressure: 8.0mm @ 68°F	pH: 9.2
Specific Gravity: 1.006 g/ml	Vapor Density: Heavier than air	
Solubility in Water: Complete	Evaporation Rate: Greater than water	
Volatile Organic %: 7.0%	Appearance and Odor: Purple liquid with propyl ether odor.	

SECTION IV: Fire and Explosion Hazard Data

Flash Point: Greater than 200°F
Extinguishing Media: CO₂, water, water fog.
Special Fire Fighting Procedures: Stay out of smoke.
Unusual Fire and Explosion Hazards: Burning containers produce carbon dioxide and carbon monoxide.

Flammable Limits: Lower N/D
Upper N/D

SECTION V: Reactivity Data

Stability:

- Unstable
 Stable

Conditions to Avoid: None known.

Incompatibility (materials to avoid): Do not mix with chlorine bleach

Hazardous Decomposition or Byproducts: None known.

Hazardous Polymerization:

- May Occur
 Will Not Occur

Conditions to Avoid: None known

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately

MATERIAL SAFETY DATA SHEET - Page 2

Product Name: **Anti-Freeze Glass Cleaner**

Number: **ANTIFREEZ**

SECTION VI: Health Hazard Data/First Aid Procedures

Routes of Exposure: Inhalation Eyes Skin Ingestion

Signs and Symptoms of Exposure

Acute: Eye irritant. Skin irritation/drowsiness; LD₅₀ for PGME is 12ml/kg. Ingestion LD₅₀ for PGME is 6.6ml/kg. Inhalation: irritation/anesthetic.

Chronic: Lung/liver/kidney effects.

Carcinogenicity: NTP No IARC Monographs No OSHA Regulated No

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis

Emergency First Aid Procedures

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Get medical attention.

Eyes: Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Flush and wash with water. Remove contaminated clothing. Get medical attention if irritation persists or if narcotic symptoms are present.

Ingestion: Induce vomiting. Get medical attention.

SECTION VII: Precautions for Safe Handling and Use

Handling and Storage: Store at ambient room temperature. Keep out of reach of children.

Release or Spill: Small: Wipe up and dispose of in an appropriate container. Large: Dike and contain. Collect for disposal.

Waste Disposal: Do not let large amounts into sewers or bodies of water. Dispose of in accordance to local, state and federal regulations.

SECTION VIII: Control and Protection Measures

Respiratory Protection: None required.

Ventilation: Use with normal ventilation.

Protective Gloves: None required under normal use.

Eye Protection: Wear ANSI approved safety goggles.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: None required.

SECTION IX: Transportation (DOT Classification)

Hazard Class: Not DOT regulated.

Number:

SECTION X: Other Regulatory Controls

None

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately