

MATERIAL SAFETY DATA SHEET
FOR

INHIBITED PROPYLENE GLYCOL 98



1. Identification

Product Name: Inhibited Propylene Glycol 98
Chemical Name: Propylene Glycol
Product Appearance: Red - Leak Detection Dye
Material Use: Anti-Freeze

2. Hazardous Ingredients

	<u>CAS #</u>	<u>%</u>
Propylene Glycol	57-55-6	>95
Dipotassium Phosphate	007758-11-4	< 3
Water	007732-18-5	< 3

Health	Flammability	Reactivity	Basis
1	1	0	Recommended by SPS

Exposure Limit: Basis
Recommended by SPS
TLV 100 ppm for 8 hour day

3. Physical Data

Boiling Point	365° F	Flash Point	215° F TCC
Vapor Pressure	<.1 mm Hg @ 20°C		
Specific Gravity	1.05		
P. H.	6-8		

4. Fire & Explosion Data

Handling Precautions:

The liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Keep product away from ignition sources, such as heat, sparks, pilot lights, static

Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity and open flames.

Flammable or explosive limits (approximate percent by volume in air)

Estimated values: Lower Flammable Limit 0.9% Upper Flammable Limit 7%

NOTE: On the drum labels, the inclusion of the phrase "water may be ineffective" is to indicate that although water can be used to cool and protect exposed material, water may not extinguish the fire unless used under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.

5. Reactivity Data

Stable

Incompatible with strong oxidizers & corrosives.

Hazardous polymerization will not occur.

6. Health Data

Eye contact: Flush with water until irritation subsides. If irritation persists, call physician.

Skin Contact: Avoid contact on bare skin as prolonged contact will cause irritation.

Inhalation: Avoid vapors in confined areas. The stronger the odor, the faster a person will show signs of dizziness or drunkenness. Use approved breathing equipment if working in confined area.

Ingestion: Do not induce vomiting. Call a physician immediately.

7. Environmental Information

Steps to be taken in case material is released or spilled. Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined areas. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, flammable vapors from absorbed material.

June 1, 2006