

# MATERIAL SAFETY DATA SHEET

## **CHEM-FROST**

### SECTION 1 IDENTIFICATION

COMPANY NAME: CHEMICAL SPECIALTIES, INC.  
EMERGENCY PHONE NUMBER: 303-675-0944  
TRADE NAME: INHIBITED PROPYLENE GLYCOL

### SECTION 2 HAZARDOUS INGREDIENTS

| <u>Chemical Name/ Common Name</u> | <u>Cas#</u> | <u>Percentage</u> | <u>TLV Source</u> |
|-----------------------------------|-------------|-------------------|-------------------|
| Propylene glycol                  | 000057-55-6 | 90%               | N/A               |
| Dipotassium Phosphate             | 007758-11-4 | <3%               | N/A               |
| Deionized Water                   | 007732-18-5 | <7%               | N/A               |

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR 19101200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

|                          |               |             |                   |              |
|--------------------------|---------------|-------------|-------------------|--------------|
| NFPA RATINGS (Scale 0-4) | <u>Health</u> | <u>Fire</u> | <u>Reactivity</u> | <u>Other</u> |
|                          | 0             | 1           | 0                 | N/A          |

### SECTION 3 PHYSICAL DATA

|                                     |                              |
|-------------------------------------|------------------------------|
| BOILING POINT: 370F, 188C           | SPECIFIC GRAVITY:(H2O=1) N/C |
| VAPOR PRESSURE (mm Hg):.22 mmHg@20C | ph: 9.5-10                   |
| VAPOR DENSITY (Air=1): 2.62         | EVAPORATION RATE: unknown    |
| SOLUBILITY IN WATER: COMPLETE       | APPEARANCE/ODOR: clear       |

### SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 215F, 102C  
EXTINGUISH MEDIA: NONE NEEDED  
SPECIAL FIRE FIGHTING PROCEDURES: NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Stable in normal temp range (-30F-250F)  
INCOMPATIBLE MATERIALS: Unknown  
DECOMPOSITION PRODUCTS: N/A  
CONDITIONS TO AVOID: NONE  
HAZARDOUS POLYMERIZATION: Will not occur.

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### **SECTION 6 EMERGENCY AND FIRST AID PROCEDURES**

- Eyes: Flush with water for at least 5 minutes
- Skin: Wash with flowing water or shower
- Ingestion: (swallowing) Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.
- Inhalation: Remove to fresh air

### **SECTION 7 SPECIAL PROTECTION INFORMATION**

- Respiratory Protection: None      Ventilation Requirements: Local exhaust adequate
- Protective Gloves: None      Eye Protection: None Required
- Other Protective Clothing: None      Work Hygienic Practices: Keep out of eyes

### **SECTION 8 SPILL OR LEAK PROCEDURES**

- Steps to be taken if Released or Spilled: Contain spill, remove with inert absorbent material. Wash spill area with water.
- Waste Disposal Methods: In accordance with federal, state and local regulations

### **SECTION 9 STORAGE AND HANDLING INFORMATION**

- Precautions to be taken in handling and storage: keep from freezing, keep out of reach of children.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE