

# CTS Industries, Inc.

P.O. Box 12426 Roanoke, Virginia ~ 540-989-8570 ~ Fax 540-989-8571

PRODUCT NAME: CTS 50-PRO

Issue Date 10/28/04

## Material Safety Data Sheet

### 1. Identification

Product Name: CTS 50-PRO  
Product Description: Complex Mixture

RESPONSIBLE PARTY	CHEMICAL EMERGENCY
CTS Industries, Inc. P.O. Box 12426 Roanoke, VA 24075 (540) 989-8570	CHEMTREC (800) 424-9300 (24 Hours)

### 2. Hazardous Ingredients

Hazardous Components	Hazardous %	Product CAS #
Propylene Glycol	50	57-55-6
Corrosion Inhibitor	1-10	Proprietary Blend

### 3. Physical Data

Boiling Point: 226° F  
Freezing Point: -32° F  
Vapor Pressure (mm Hg): 15  
Vapor Density (Air = 1): Less than air  
Solubility in H<sub>2</sub>O: Complete  
Appearance / Odor: Clear blue with mild characteristic odor  
Specific Gravity (H<sub>2</sub>O = 1): 1.038  
Evaporation Rate: Less than 1  
pH: 7 - 8

### 4. Fire and Explosion Hazard Data

Flash Point: 220°F  
Lower Flame Limit: Not determined  
Higher Flame Limit: Not determined

**Unusual Fire and Explosion Hazards:** None

**Extinguishing Media:** Alcohol foam, water fog, carbon dioxide or dry chemical.

**Fire Fighting Instructions:** Self contained breathing apparatus with full face shield operated in pressure demand.

### 5. Health Hazard Data

**Threshold Limit Value:** None established.

**Over Exposure Effects:** Nervous system depression. Four fluid ounces can be fatal and repeated ingestion of small amounts can cause bladder stones, liver and kidney damage.

**First Aid Procedures: Eye:** Flush with clear water for 15 minutes, if irritation persists, consult a physician.

**Skin:** Wash skin with soap and water. Launder contaminated clothing before reuse.

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**Inhalation:** Remove victim to fresh air. If breathing has stopped or victim is having problems breathing, apply oxygen and consult a physician.

**Ingestion:** Induce vomiting at once and call a physician.

## 6. Reactivity Data

**Chemical Stability:** Stable

**Conditions to Avoid:** None

**Incompatible Materials:** Strong oxidizing agents

**Hazardous Polymerization:** Will not occur

## 7. Spill or Leak Procedure

**Spill:** Contain spill for salvage or disposal. Avoid run-off into storm drain and ditches. Absorb small amounts on paper, vermiculite or similar material.

**Waste Disposal:** Chemical incinerator; biological treatment landfill. Consult local, state and federal pollution guidelines.

## 8. Special Protection

**Respiratory:** Organic vapor respirator.

**Gloves:** Impervious.

**Eye:** Chemical safety goggles or face shield.

**Other:** Eyewash station and safety shower in work area.

**Handling and Storage:** Follow procedures specified in the national fire protection association codes and standards for handling combustible liquids. Prevent skin and eye contact. Avoid breathing vapors or aerosols.

## 9. Special Precautions

**Hazard Class:** Not DOT Regulated

**DOT Shipping Name:** Coal Antifreeze

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