## MATERIAL SAFETY DATA SHEET — 16 Sections

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier</th>
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### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<table>
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<tr>
<th>Hazardous Ingredients (specific)</th>
<th>%</th>
<th>CAS Number</th>
<th>LD₅₀ of Ingredient (specify species and route)</th>
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### SECTION 3 — HAZARDS IDENTIFICATION

**Route of Entry**
- Skin Contact
- Skin Absorption
- Eye Contact
- Inhalation
- Ingestion

**Emergency Overview**

**WHMIS Symbols**

**Potential Health Effects**

### SECTION 4 — FIRST AID MEASURES

- Skin Contact
- Eye Contact
- Inhalation
- Ingestion

### SECTION 12 — ECOLOGICAL INFORMATION

**[Aquatic Toxicity]**

### SECTION 13 — DISPOSAL CONSIDERATIONS

**Waste Disposal**

### SECTION 14 — TRANSPORT INFORMATION

**Special Shipping Information**

**DOT**

**ICAO**

**IMO**

### SECTION 15 — REGULATORY INFORMATION

**[WHMIS Classification]**

**[OSHA]**

**[SERA]**

**[TSCA]**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

### SECTION 16 — OTHER INFORMATION

<table>
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SAMPLE FORMAT PROVIDED BY THE WORKERS’ COMPENSATION BOARD OF BRITISH COLUMBIA

57M6 (6/99)
SECTION 5 — FIRE FIGHTING MEASURES

Flammable

If yes, under which conditions?

Means of Extinction

Flashpoint (°C) and Method

Upper Flammable Limit (% by volume)

Lower Flammable Limit (% by volume)

Autoignition Temperature (°C)

Explosion Data — Sensitivity to Impact

Explosion Data — Sensitivity to Static Discharge

Hazardous Combustion Products

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment

Storage Requirements

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits

☐ ACGH TLV

☐ OSHA/PEL

☐ Other (specify)

Specific Engineering Controls (such as ventilation, enclosed process)

Personal Protective Equipment

☐ Gloves

☐ Respirator

☐ Eye

☐ Footwear

☐ Clothing

☐ Other

If checked, please specify type

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Odour and Appearance

Odour Threshold (ppm)

Specific Gravity

Vapour Density (air = 1)

Vapour Pressure (mmHg)

Evaporation Rate

Boiling Point (°C)

Freezing Point (°C)

pH

Coefficient of Water/Oil Distribution

Solubility in Water

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability

If no, under which conditions?

Incompatibility with Other Substances

If yes, which ones?

Reactivity, and under what conditions?

Hazardous Decomposition Products

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Effects of Chronic Exposure

Irritancy of Product

Skin Sensitization

Respiratory Sensitization

Carcinogenicity — IARC

Carcinogenicity — ACGIH

Reproductive Toxicity

Teratogenicity

Embryotoxicity

Mutagenicity

Name of Synergistic Products/Effects

[ Optional, not required under WHMIS ]

[ Optional, not required under WHMIS ]

Please continue on reverse side
SECTION 5 — FIRE FIGHTING MEASURES

Flammable: Yes  No

Means of Extinction

Flashpoint (°C) and Method

Autoignition Temperature (°C)

Hazardous Combustion Products

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

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Handling Procedures and Equipment

Storage Requirements

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits

Specific Engineering Controls (such as ventilation, exhausts and fume cupboards)

Personal Protective Equipment

If checked, please specify type

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State

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SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Yes  No

Incompatibility with Other Substances: Yes  No

Reactivity: Yes  No

Hazardous Decomposition Products

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- **[WHMIS Symbols]**

- **[Potential Health Effects]**

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- **Skin Contact**
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