

<b>WHMIS</b>	<b>PROTECTIVE CLOTHING</b>	<b>TRANSPORT OF DANGEROUS GOODS</b>
Not regulated		Not regulated

**SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Use:** Air barrier.

**Formula number:** Not applicable

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**EMERGENCY OVERVIEW!!!**

Mauve viscous liquid with mild odour. DANGER! This product is flammable only once all water has evaporated. If dry product ignites, carbon monoxide and carbon dioxide will be produced.

May cause eye irritation. Skin contact: irritation unlikely. Ingestion of the product may cause nausea and vomiting. Inhalation of spray mist may cause nausea and headache.

**SECTION II: COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS**

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
No hazardous ingredient				

**SECTION III: POTENTIAL HEALTH EFFECTS**

*Effects of Short-Term (Acute) Exposure*

**SKIN CONTACT**

Irritation unlikely.

**EYE CONTACT**

Cause eye irritation.

**INHALATION**

Inhalation of spray mist may cause nausea and headache.

**INGESTION**

May cause nausea and vomiting.

*Effects of Long-Term (Chronic) Exposure*

**SKIN CONTACT**

Prolonged or repeated skin contact may cause irritation.

**SENSITIZATION**

Does not occur.

**TOXICOLOGICALLY SYNERGISTIC MATERIALS**

None known.

**OTHER HEALTH EFFECTS**

None known.

**SECTION IV: FIRST AID MEASURES**

**SKIN CONTACT**

Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, get medical attention.

**EYE CONTACT**

Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

**INHALATION**

In case of gas or vapour inhalation, move victim to fresh air. If breathing is difficult, give oxygen. If breathing stops, give respiratory assistance. Obtain medical assistance.

**INGESTION**

If conscious, give 2 glasses of water to dilute stomach contents. Do not induce vomiting. Immediately contact local poison control centre. Should vomiting occur, be sure to keep the victim's head below hips to avoid aspiration of vomit into the lungs. Maintain the victim at rest and obtain immediate medical attention.

**SECTION V: FIRE-FIGHTING MEASURES**

**FLAMMABILITY:** Not applicable

**EXPLOSION DATA:** Not sensitive

**FLASH POINT:** Non flammable

**AUTO-IGNITION TEMPERATURE:** Not applicable

**FLAMMABILITY LIMITS IN AIR:** (% in volume) Not applicable

**FIRE AND EXPLOSION HAZARDS**

Non flammable water-based product. Only flammable once all water has evaporated.

**COMBUSTION PRODUCTS**

Carbon monoxide and carbon dioxide.

**FIRE FIGHTING INSTRUCTIONS**

Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because of the risk of explosion. Stop leak before attempting to put out the fire. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Move containers from fire area if this can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

**MEANS OF EXTINCTION**

Dry chemical powder, CO<sub>2</sub> foam, or water.

**SECTION VI: ACCIDENTAL RELEASE MEASURES****RELEASE OR SPILL**

Ventilate area. Wear appropriate protective equipment during cleanup. Shut off source of leak if you can do it without risk. Contain the spill. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Scrape or shovel into containers with lids, use clean non-sparking tools to collect absorbed material. Cover and remove to appropriate well-ventilated area until disposal. Do not touch or walk through spilled material. Wash spill area with soap and water. Prevent entry into waterways, sewers, basements or confined areas. Dispose of this product according to environmental regulations.

**SECTION VII: HANDLING AND STORAGE****HANDLING**

Avoid contact with eyes, skin and clothing. Microbial degradation and pH change may occur on very extended storage. This product is non flammable. Do not ingest. Avoid breathing mist, vapour or dust. Wash thoroughly after handling. Before handling, it is very important that ventilation controls are operating and protective equipment requirements are being followed. People working with this product would be properly trained regarding its hazards and its safe use. Tightly reseal all partially used containers. Do not cut, puncture or weld empty containers.

**STORAGE**

Store in clean covered tanks. Avoid freezing. Store between 10°C and 30°C. Store in a cool well-ventilated area out of direct sunlight and away from heat and ignition sources. Store away from incompatible materials. Store the product according to occupational health and safety regulations and fire and building codes. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorised personnel. Inspect periodically for damage or leaks. Have appropriate fire extinguishers and spill clean-up equipment near storage area. Inspect all containers to make sure they are properly labelled.

**SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**HANDS:** Wear rubber gloves.

**RESPIRATORY:** Not required.

**EYES:** Wear chemical safety goggles in accordance with standards.

**CONTROL OF VAPOURS:** No special ventilation required.

**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid  
**ODOUR AND APPEARANCE:** Mauve viscous liquid with mild odour  
**ODOUR THRESHOLD:** Not available  
**VAPOUR DENSITY (air = 1):** <1 water  
**EVAPORATION RATE (Butyl acetate = 1):** <1 water  
**BOILING POINT (760 mm Hg):** Approximately 100°C  
**FREEZING POINT:** -1°C  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.98  
**VAPOUR PRESSURE (mmHg):** 17 @ 20°C  
**VOLATIL ORGANIC COMPOUNDS (V.O.C.):** Not available  
**pH:** 6.0

**SECTION X: STABILITY AND REACTIVITY**

**STABILITY:** This material is stable.

**CONDITIONS OF REACTIVITY:** Non-reactive.

**INCOMPATIBILITY:** Metal salts with coagulate product.

**HAZARDOUS DECOMPOSITION PRODUCTS:** If dry product ignites, carbon monoxide and carbon dioxide will be produced.

**SECTION XI: TOXICOLOGICAL INFORMATION****TOXICOLOGICAL DATA**

**EXPOSURE LIMITS:** Not established – Practically non-toxic.

*Effects of Short-Term (Acute) Exposure***INHALATION**

Inhalation of spray mist may cause nausea and headache.

**INGESTION**

May cause nausea and vomiting.

**EYE IRRITATION**

Eye irritation.

**SKIN IRRITATION**

Irritation unlikely.

*Effects of Long-Term (Chronic) Exposure***SKIN CONTACT**

Prolonged or repeated skin contact may cause irritation.

**SENSITIZATION**

Does not occur.

**SECTION XII: ECOLOGICAL INFORMATION****ENVIRONMENTAL EFFECTS**

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and / or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

**SECTION XIII: DISPOSAL CONSIDERATIONS****WASTE DISPOSAL**

This product is listed as hazardous waste. Consult local, state, provincial or territory authorities to know disposal methods. Also listed as hazardous waste by the RCRA (USA); waste disposal as to follow EPA regulations. Do not dispose of waste with normal garbage or sewers systems.

**SECTION XIV : TRANSPORT INFORMATION**

This product is not regulated by DOT and TDG.

**SECTION XV: REGULATORY INFORMATION**

**WHMIS:** Not regulated.  
**DSL:** All constituents of this product are included on the Domestic Substances List (DSL – Canada)  
**TSCA:** All constituents of this product are included on the Toxic Substances Control Act Inventory (TSCA – United States).

<b>HMIS (USA):</b>		<b>NFPA (USA):</b>	
<b>Health:</b>	<b>1</b>	<b>Health:</b>	<b>1</b>
<b>Flammability:</b>	<b>0</b>	<b>Flammability:</b>	<b>0</b>
<b>Reactivity:</b>	<b>0</b>	<b>Instability:</b>	<b>0</b>
<b>Protective equipment:</b>	<b>B</b>	<b>Specific hazard:</b>	<b>1</b>

## SECTION XVI: OTHER INFORMATION

### Glossary:

<b>ANSI:</b>	American National Standards Institute
<b>ASTM:</b>	American Society for Testing and Materials
<b>CAS:</b>	Chemical Abstract Services
<b>CSA:</b>	Canadian Standardisation Association
<b>DOT:</b>	Department of Transportation (United States)
<b>EPA:</b>	Environmental Protection Agency (United States)
<b>HMIS:</b>	Hazardous Material Information System
<b>LD50/LC50:</b>	Less high lethal dose and lethal concentration published
<b>NFPA:</b>	National Fire Protection Association (United States)
<b>OSHA:</b>	Occupational Safety & Health Administration (United States)
<b>RCRA:</b>	Resource Conservation and Recovery Act (United States)
<b>TDG:</b>	Transportation of Dangerous Goods
<b>TLV-TWA:</b>	Threshold Limit Value – Time-Weighted Average
<b>WHMIS:</b>	Workplace Hazardous Materials Information System (Canada)

**References:** Upon request.

**Code of MSDS:**

CA U DRU SS FS 076

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**For more information:**

The Material Safety Data Sheets of SOPREMA Canada are available on Internet at the following site: <http://www.soprema.ca>

**Justification of the update:**

- Triennial update.

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

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