



# Canadian Energy Services

## SECTION V FIRE AND EXPLOSION INFORMATION

**FLASH POINT** 387°7 (197C) COC

**FIRE-FIGHTING PROCEDURES:** Use Chemical foam, CO<sub>2</sub>, Dry Chemical, water fog. Treat as burning oil.

Keep drums as cool as possible to avoid expansion, explosions, and splattering.

**HAZARDOUS COMBUSTION PRODUCTS:** This product will decompose under extreme temperatures forming oxides of carbon. Oxides of Nitrogen may also be present in combustion.

**PROTECTIVE EQUIPMENT:** Full eye protection and protective clothing are required for all indoor/outdoor fires and spills.

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## SECTION VI SPILLS AND ENVIRONMENTAL INFORMATION

**SPILL OR LEAK PRECAUTIONS:** Wear appropriate protective clothing, gloves and equipment. Avoid creating dust in possible. Transfer to secure containers and dispose of according to local and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area with detergent. Prevent run-off into sewers or natural waterways. Material is insoluble in water and will float on the surface. Spills in excess of the RQ must be reported to the local emergency response organizations. Major spills should also be reported to the National Response Center. Spills with potential to contaminate coastal waterways must be reported to the U.S. Coast Guard (800-424-8802)

**WASTE DISPOSAL:** All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

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## SECTION VII HANDLING AND STORAGE

Store in sealed containers in dry, ambient temperature conditions. Perform drum and tote filling in well-ventilated area wearing protective eye shields and clothing.

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## SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

**VENTILATION:** Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

**RESPIRATORY AND PERSONAL PROTECTION:** Respirators should be selected when TWA exceeded. Avoid hot vapors when mixing or packaging. Safety glasses with side shields; gloves, boots and apron as appropriate.

**FACILITIES:** There should be a shower facility and eyewash in the building where this product is being stored and handled. Exercise good chemical handling practice.

Exposure Limits:

TWA, OSHA ó 15.0 mg/m<sup>3</sup> (total dust)

TWA, OSHA ó 5.0 mg/m<sup>3</sup> (Respirable fraction)

TWA ó ACGIH ó 10. mg/m<sup>3</sup> (total inhalable dust)

TWA ó ACGIH ó 3.0 mg/m<sup>3</sup> (Respirable fraction)

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## SECTION IX PHYSICAL AND CHEMICAL INFORMATION

Appearance: white/amber powder

Specific Gravity @25°C = NA

Vapor Pressure: 0.06 mm Hg @ 200°C (392°F)

Evaporation Rate: < 1 (butyl acetate=1)

Boiling Point: 288°C (550°F)

Solubility in Water: <0.1%

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Tel. 403-269-2800

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## SECTION X

### STABILITY AND REACTIVITY

Under normal storage conditions, this product a) is stable; b) will not polymerize or exotherm; c) should be kept away from extreme heat, strong oxidizers and bases; d) this product decomposes under high temperature and hydrolyses in humid conditions.

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## SECTION XI

### TOXICOLOGICAL INFORMATION

**Oral LD50:** >10,000 mg/kg ó rats  
**Dermal LD50:** No Data Found

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## SECTION XII

### ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No information available. But not expected to be acutely toxic to aquatic organisms

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## SECTION XIII

### DISPOSAL CONSIDERATIONS

Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations. For spill clean-up procedures see Sect.VI. This is not a RCRA hazardous waste

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## SECTION XIV

### TRANSPORTATION INFORMATION

**DOT:** Not restricted. Use a standard commercial label.

**CANADA TRANASPORT HAZ.GOODS:** Not restricted.

**AIR (IATA/ICAO):** Not restricted. Use commercial label showing chemical name.

**EUROPEAN TRANSPORTATION:** ADR/RID HAZ. CLASS.: Not regulated.

**US CUSTOMS:** - HARMONIZED TARIFF CODE: 3404-90-5000

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## SECTION XV

### REGULATORY INFORMATION

**SARA TITLE III:** - 311/312 CATEGORIES: Not listed.

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“ “ - 313 Reportable ingredients: None

**CERCLA RQ:** Not applicable.

**TSCA REGULATORY:** All intentional ingredients are listed in the TSCA Inventory.

**CANADA WHMIS HAZARD SYMBOL AND CLASS:** Not Regulated

**CANADA INGREDIENT DISCLOSURE LIST:** Does not contain any ingredients on the IDL. All intentional ingredients are on the DSL.

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## **SECTION XVI OTHER INFORMATION**

HMIS Label:    Fire: 1  
                  Health: 1  
                  Reactivity: 0  
                  Protection: C

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Prepared: August 2009

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.