



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: Soluble Cutting Oil (All)
Product Class: Lubricant
WHMIS Classification: Class D2B - Toxic material

Supplier Name and Address: COASTAL Blending & Packaging
P.O. Box 1169
Saint John, N.B.
E2L 4E6

Phone: (800) 574-5823
Emergency: (506) 648-3060

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIALS

<u>Hazardous Ingredients</u>	<u>CAS#</u>	<u>wt%</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Sodium Sulphonate	68608-26-4	1 - 5%			
Glycol Ethers	112-34-5	1 - 5%			
Diethanolamine Carboxylic Acid Esters	93-83-4	1 - 5%			
Hexylene Glycol	107-41-5	1 - 5%			
Hexahydro-1,3,5-Tris(2-Hydroxyethyl)-S-Triazine	4719-04-4	1 - 5%		Oral: Rat > 535 mg/kg	Dermal: Rabbits > 2 g/kg

SECTION 3 - PHYSICAL DATA AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Amber
Odour: Petroleum
Specific Gravity @ 15°C: 0.89
Solubility in water: Complete

Vapour Pressure (mm @ 20°C): < 0.10

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammability: Yes No
Flash Point : > 145°C (COC)

Conditions: Open flame above flash point.

Upper Flammable Limit: Not established.
Auto Ignition Temperature: Not determined.
Sensitivity to Impact: None.

Lower Flammable Limit: Not established.
TDG Flammability Classification: Not classified.
Sensitivity to Static Discharge: None.

Means of Extinction: Dry chemical, water spray (fog), foam or carbon dioxide.
Hazardous Combustion Products: Oxides of Carbon, Nitrogen, sulphur and other unidentified organic compounds.
Special Procedures: Water foam may cause frothing. Use water to cool exposed containers. Use self-contained breathing apparatus for fire fighting.

SECTION 5 - REACTIVITY DATA

Stability: This product is stable.
Hazardous Polymerisation: Will not occur.
Conditions to avoid: Extremely high temperatures.
Incompatibility with other substances: Strong oxidising agents, acids.
Hazardous decomposition products: Highly dependent on the combustion conditions. Significant concentrations of hazardous decomposition products are not expected.

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SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye Skin Contact Skin Absorption Inhalation Ingestion

Effects of Acute Exposure: May cause redness, tearing and blurred vision with eye contact. Prolonged or repeated skin contact may cause moderate irritation, defatting and dermatitis. Excessive inhalation of vapour can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness and even asphyxiation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Aspiration of liquid may cause pneumonitis.

Effects of Chronic Exposure: Over exposure to components in this product have apparently been found to cause the following effects in laboratory animal: kidney damage, liver abnormalities, anaemia, lung damage. Over exposure to components in this product have been suggested as a cause of the following effects in humans: Liver abnormalities, kidney damage, lung damage. This is an untested mixture. The toxicological information supplied is based on the most hazardous ingredient

Exposure Limits: 5 mg/m³ (oil mist)
Reproductive Toxicity: Not determined.
Irritancy of Product: Irritating to eyes.

Carcinogenicity: Not determined.
Teratogenicity: Not determined.
Mutagenicity: Not determined.

SECTION 7 - PREVENTATIVE AND CORRECTIVE MEASURES

Personal Protective Equipment:

<i>Gloves:</i>	Oil/Chemical resistant.
<i>Eye:</i>	Chemical safety glasses or full face shield.
<i>Respiratory:</i>	NOISH respirator if mist levels are high.
<i>Footwear:</i>	Oil/Chemical resistant.
<i>Clothing:</i>	Oil/Chemical resistant if repeated exposure to skin and clothing occurs.
<i>Other:</i>	

Engineering Controls: Use with adequate ventilation and keep airborne concentrations within recommended limits.

Leak and Spill Procedure: Contain spills with dikes or absorbent material. Eliminate fire hazards. Prevent from entering sewers or water courses. Vacuum liquid or transfer absorbed material into containers. Advise authorities.

Waste Disposal: Follow local and governmental regulations.

Storage Requirements: Cool, dry location. away from open flames and high temperatures. Keep containers closed.

Special Shipping Information: No special requirements.

SECTION 8 - FIRST AID MEASURES

Inhalation: Remove to fresh air or give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

Ingestion: Do not induce vomiting, seek medical attention immediately.

Eye: Flush with water for 15 minutes, seek medical attention if irritation develops.

Skin: Wash contaminated area with soap and water. Clean contaminated clothing before wearing again. Seek medical attention if irritation develops.

General Advice:

SECTION 9 - PREPARATION DATE OF MSDS

MSDS Prepared by:
MSDS Date: January 11, 2010
Revision 02

COASTAL Blending & Packaging

Phone:

(800) 574-5823

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