



Product Name:

Supplier:

SDS Status: 0

Obsolete Date: n/a

This Product is no longer provided by the manufacturer. As a result, it has been marked as obsolete.

If you still have this Product you may need to take some action regarding it:

- if you no longer have this Product and would like the SDS deleted from your msdsBinders system, please use the [Delete SDS](#) form (available to Client Administrators).
- if you have an alternate Product for which you do not have an SDS, you can search the sdsBinders Library and submit a request for the Product.



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: Cutting Oil HD
Product Class: Petroleum Metal Working Fluid.
WHMIS Classification: Not Controlled

Supplier Name and Address: Irving Blending & Packaging
PO Box 1169
Saint John, N.B.
E2L 4E6

Phone: 1 800-574-5823
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>
None			5 mg/m ³ (Oil mist)		Oral: > 5 g/kg (Rat) Dermal: > 3.16 g/kg (Rabbit)

SECTION 3 - PHYSICAL DATA AND CHEMICAL PROPERTIES

Form:	Liquid	Boiling Point by ASTM D 2887:	IBP Approximately 310°C
Colour:	Black	Vapour Pressure:	< 1 kPa @ 38°C
Odour:	Petroleum Odour	Vapour Density (Air = 1):	> 5
Specific Gravity @ 15°C:	0.9	% Volatile:	Negligible.
Solubility in Water(@ 1 atm, 25°C):	Negligible; < 0.1%.	Pour, Congealing or Melting Point (°C):	-9
Viscosity (cSt @ 40°C):	42.5	pH:	Essentially neutral.

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammability: Yes No
Flash Point : 160°C (COC)

Conditions: Open flame above flash point.

Upper Flammable Limit: 7.0% (estimated)
Auto Ignition Temperature: > 330°C
Sensitivity to Impact: Not established.

Lower Flammable Limit: 0.9% (estimated)
TDG Flammability Classification: Not classified.
Sensitivity to Static Discharge: Not established.

Means of Extinction: Water fog, Carbon dioxide, dry chemical, or foam.
Hazardous Combustion Products: Fumes, smoke, carbon monoxide, sulphur oxides, hydrogen sulphide, metal oxides.
Special Procedures: Wear self-contained breathing apparatus when fighting fire. Use water to cool fire-exposed containers.

SECTION 5 - REACTIVITY DATA

Stability: This product is stable.
Hazardous Polymerisation: Will not occur.
Conditions to avoid: Excessive heat or open flame.
Incompatibility with other substances: Strong oxidising agents.
Hazardous decomposition products: Not determined.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye Skin Contact Skin Absorption Inhalation Ingestion

Effects of Acute Exposure: May cause mild eye and skin irritation. Ingestion may cause gastrointestinal irritation. Product has low order of acute toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Effects of Chronic Exposure: Prolonged and repeated skin contact may cause skin irritation or dermatitis.

Exposure Limits: 5 mg/m³ (Oil mist)
Reproductive Toxicity: Not determined.
Irritancy of Product: Not determined.

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

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MATERIAL SAFETY DATA SHEET

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>	Use supplied-air respiratory protection in confined or enclosed spaces, if needed.
	<i>Footwear:</i>	No special requirements under normal conditions.
	<i>Clothing:</i>	No special requirements under normal conditions.
	<i>Other:</i>	
Engineering Controls:	Use local exhaust when vapours exceed exposure limits.	
Leak and Spill Procedure:	Contain spills with dikes or absorbent material. Eliminate fire hazards. Prevent from entering sewers or water courses. Pick up free liquid for recycle and/or disposal. Absorb residual liquid and transfer absorbed material into containers.	
Waste Disposal:	Consult local authorities.	
Storage Requirements	Keep container closed, in a cool, dry area.	
Special Shipping Information:	None.	

SECTION 8 - FIRST AID MEASURES

Inhalation:	If affected, remove to fresh air immediately. If breathing has stopped administer artificial respiration, seek medical attention.
Ingestion:	Do not induce vomiting, give 2 glasses of water or milk, seek medical attention.
Eye:	Flush with water for 15 minutes.
Skin:	Clean area exposed with soap and water.
General Advice:	

SECTION 9 - PREPARATION DATE OF MSDS

MSDS Prepared by:	Irving Blending & Packaging	Phone:	800-574-5823
MSDS Date:	April 8, 2013		
Revision	03		