

Section 1: Product & Company Information

Product Name: Bri-Chem EZ Drill
Chemical Family: Vegetable Oil Additives
Product Use: Drilling Lubricant

Workplace Hazardous Materials Information Systems Data (WHMIS):

	Class ID	Class	Workplace Hazard
	None	Not a Controlled Product	

Manufacturer Name: HiTech Fluid Systems
Address: #1800, 505 3rd Street SW, Calgary, AB T2P 3E6 Canada
General Phone Number: (403)547-2906
General Fax Number: (403)547-3129
MSDS Revision Date: June 1, 2008
Supercedes: June 23, 2005
Prepared By: HiTech Fluid Systems
Preparer's Phone: (403)547-2906

Section 2: Composition/Information on Ingredients

Chemical Name	Concentration	CAS#
No Hazardous Ingredients		

Section 3: Hazards Identification

Emergency Overview:

Routes of Entry:

Skin Contact: Yes
Skin Absorption: Yes
Eye Contact: Yes
Inhalation: Yes
Ingestion: Yes

Potential Health Effects:

Skin:	Mild irritation possible
Eye:	May cause discomfort.
Inhalation:	Not hazardous unless burning.
Ingestion:	Non-toxic

Section 4: First Aid Measures

Eye Contact:	Flush with water for 15 minutes.
Skin Contact:	Wash with soap and water.
Inhalation:	Fresh air and rest, should problems occur.
Ingestion:	DO NOT induce vomiting. Drink milk or water, and contact physician. Non-toxic.

Other First Aid:

Section 5: Fire Fighting Measures

Conditions Of Flammability:	Low hazard
Extinguishing Media:	Foam, CO ₂ , dry chemical
Flashpoint:	240°C (CC)
Upper Flammable Limit:	Not Available
Lower Flammable Limit:	Not Available
Autoignition Temperature:	Not Available
Protective Equipment:	None known.
Sensitivity To Impact or Static Discharge:	None known.
Hazardous Combustion Products:	Not Available

Fire Comment:

Section 6: Accidental Release Measures

Personnel Precautions:	Use proper personal protective equipment as listed in section 8.
Spill Cleanup Measures:	Product is environmentally safe. Spills should be contained and wiped up.

Section 7: Handling & Storage

Handling: Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact.

Storage: None

Section 8: Exposure Controls, Personal Protection, Exposure Guidelines

Engineering Controls: None needed.

Personal Protective Equipment: Chemical-resistant goggles

Respiratory Protection: Not necessary

Exposure Limits: Not Available

Chemical Name	ACGIH TLV-TWA	OSHA PEL-TWA
No Hazardous Ingredients		

Section 9: Physical & Chemical Properties

Physical State: Liquid

Odour And Appearance: Light amber liquid; mild odour

Odour Threshold: Not Available

Boiling Point: >300°C

Evaporation Rate: Not Determined

Melting Point: Not Applicable

Freezing Point: -36°C

Specific Gravity: 0.91

Solubility in Water: Not Available

Vapour Density: Not Determined

Vapour Pressure: Not Determined

pH: Not Available

Flash Point: 240°C (CC)

Volatility (% by volume): Not Available

Coefficient of Water to Oil distribution: Not Available

Section 10: Stability & Reactivity

Chemical Stability:	Yes
Hazardous Polymerization:	Will not occur.
Conditions Of Chemical Instability:	
Incompatible Substances:	Strong oxidizers, extreme heat
Special Decomposition Products:	N/A

Section 11: Toxicological Information

Chemical Name	LD ₅₀ (Oral Rat)	LD ₅₀ (Dermal Rabbit)	LC ₅₀ (Inhalation Rat)
No Hazardous Ingredients			

Effects Of Acute Exposure:	No acute effects expected.
Effects Of Chronic Exposure:	No chronic effects expected.
General Irritancy Of Product:	Mild
Sensitization:	None known.
Carcinogenicity:	Not Available
Reproductive Toxicity:	Not Available
Teratogenicity:	Not Available
Embryotoxicity:	Not Available
Mutagenicity:	Not Available
Synergistic Products:	Not Available

Section 12: Ecological Information

Ecotoxicity:	Not Available
Environmental Fate:	Not Available

Section 13: Disposal Considerations

Waste Disposal:	Dispose of in accordance with all government regulations.
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Section 14: Transport Information

TDG Classification: Not regulated.
DOT UN Number: Not regulated.
Shipping Notes: None

Section 15: Regulatory Information

Workplace Hazardous Materials Information Systems Data (WHMIS):

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	None	Not a Controlled Product	

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16: Additional Information

MSDS Revision Date: June 1, 2008
MSDS Revision Notes:
MSDS Author: HiTech Fluid Systems

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