




Section 1: Product & Company Information

Product Name: Bri-Chem Pipeout
Chemical Family: Blend of Neutralized fatty amines and sulphonates.
Product Use: Drilling Mud Additive

Workplace Hazardous Materials Information Systems Data (WHMIS):

	Class ID	Class	Workplace Hazard
	B-3	Combustible Liquid	Combustible Liquid
	D-1-B	Materials Causing Immediate/Serious Toxic Effects - Toxic	Immediate serious toxic effects
	D-2-B	Materials Causing Other Toxic Effects - Toxic	Skin and eye irritant

Manufacturer Name: Bri-Chem Supply Ltd.
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MSDS Revision Date: March 24, 2010
Supersedes: January 1, 2008
Prepared By: Bri-Chem Supply Ltd.
Preparer's Phone: (780) 455-8667

Section 2: Composition/Information on Ingredients

Chemical Name	Concentration	CAS#
Petroleum Hydrocarbons	30-60%	64741-44-2
2 - Ethyl Hexanol	1-5%	104-76-7
Ethoxylated Nonyl Phenol	7-13%	9016-45-9
Fatty Acids, Diethylenetriamine	15-40%	68956-43-4

Section 3: Hazards Identification

Emergency Overview: No specific measures

Routes of Entry:

Skin Contact:	Yes
Skin Absorption:	No
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes

Potential Health Effects:

Skin:	Severe irritant. Repeated or prolonged contact may result in defatting, redness, inflammation, and irritation.
Eye:	Severe irritant. Exposure to vapours, fumes, or mists may cause irritation.
Inhalation:	May cause respiratory tract irritation. May cause central nervous system effects such as excitation, euphoria, headache, dizziness, drowsiness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death. Exposure to high concentrations of oil mists may cause oil pneumonia.
Ingestion:	May cause gastrointestinal disturbances. Symptoms may include irritation, diarrhea, and vomiting. Aspiration into lungs may cause pneumonitis. Exposure may cause nervous system symptoms, including CNS depression, similar to those listed under inhalation.

Section 4: First Aid Measures

Eye Contact:	Flush eyes immediately with water for at least 15 minutes. Seek medical attention.
Skin Contact:	Flush skin with soap and water for 15 minutes after contact. Seek medical attention if irritation develops or persists. Launder contaminated clothing before re-use.
Inhalation:	Remove patient to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.
Ingestion:	DO NOT induce vomiting. Give a cup of milk to drink. Keep at rest. Seek immediate medical attention. Do not give anything by mouth to an unconscious person.
Other First Aid:	No specific measures

Section 5: Fire Fighting Measures

Conditions Of Flammability:	Not Determined
Extinguishing Media:	Dry chemical, CO ₂ , foam, water
Flashpoint:	73°C
Upper Flammable Limit:	Not Determined
Lower Flammable Limit:	Not Determined
Autoignition Temperature:	Not Determined
Protective Equipment:	Firefighters must wear appropriate breathing apparatus and clothing.
Sensitivity To Impact or Static Discharge:	Not Available
Hazardous Combustion Products:	Not known.
Fire Comment:	

Section 6: Accidental Release Measures

Personnel Precautions:	Use proper personal protective equipment as listed in section 8.
Spill Cleanup Measures:	Small spills, soak up with absorbent material. Large spills, dike to contain spill to prevent water pollution. Extremely slippery when wet. Return recovered material to plant.

Section 7: Handling & Storage

Handling:	Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact.
Storage:	Store in a cool, dry, well ventilated place. Keep container tightly closed and away from incompatible materials.

Section 8: Exposure Controls, Personal Protection, Exposure Guidelines

Engineering Controls: Provide mechanical ventilation to prevent dust concentrations, and to reduce potential exposure.

Personal Protective Equipment: Chemical-resistant clothing is recommended, including gloves, apron, and goggles.

Respiratory Protection: Recommend NIOSH-approved dust respirator.

Exposure Limits: Not Available

Chemical Name	ACGIH TLV-TWA	OSHA PEL-TWA
Petroleum Hydrocarbons	Not Available	Not Available
2 - Ethyl Hexanol	Not Available	Not Available
Ethoxylated Nonyl Phenol		
Fatty Acids, Diethylenetriamine	Not Determined	Not Determined

Section 9: Physical & Chemical Properties

Physical State:	Liquid
Odour And Appearance:	Dark amber liquid; hydrocarbon odour
Odour Threshold:	Not Determined
Boiling Point:	Not Determined
Evaporation Rate:	Not Determined
Melting Point:	Not Determined
Freezing Point:	Not Determined
Specific Gravity:	0.952
Solubility in Water:	Dispersable
Vapour Density:	Not Determined
Vapour Pressure:	Not Determined
pH:	6-8
Flash Point:	73°C
Volatility (% by volume):	Not Determined
Coefficient of Water to Oil distribution:	Not Determined

Section 10: Stability & Reactivity

Chemical Stability:	Yes
Hazardous Polymerization:	Will not occur.
Conditions Of Chemical Instability:	
Incompatible Substances:	Excessive heat, sources of ignition, formation of oil mist, strong oxidizers, acids
Special Decomposition Products:	CO ₂ , NO, SO _x

Section 11: Toxicological Information

Chemical Name	LD ₅₀ (Oral Rat)	LD ₅₀ (Dermal Rabbit)	LC ₅₀ (Inhalation Rat)
Petroleum Hydrocarbons	>5 mg/kg	Not Determined	Not Determined
2 - Ethyl Hexanol	2049 mg/kg	1970 mg/kg	Not Determined
Ethoxylated Nonyl Phenol	>3000 mg/kg	Not determined	Not Determined
Fatty Acids, Diethylenetri-amine	Not Determined	Not Determined	Not Determined

Effects Of Acute Exposure:	Not Available
Effects Of Chronic Exposure:	Not Available
General Irritancy Of Product:	Severe irritant
Sensitization:	Not Determined
Carcinogenicity:	Not Determined
Reproductive Toxicity:	Not Determined
Teratogenicity:	Not Determined
Embryotoxicity:	Not Available
Mutagenicity:	Not Determined
Synergistic Products:	Not Determined

Section 12: Ecological Information

Ecotoxicity:	Not Available
Environmental Fate:	Not Available

Section 13: Disposal Considerations




Waste Disposal:	All waste should be disposed of according to federal, provincial and local regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government regulations.
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Section 14: Transport Information

TDG Classification: Not Regulated
DOT UN Number: Not Regulated
Shipping Notes: No special requirements

Section 15: Regulatory Information

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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: March 24, 2010
MSDS Revision Notes:
MSDS Author: Bri-Chem Supply Ltd.

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