


SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Identifier:	Pipeout
Other Means of Identification:	Blend of Neutralized Fatty Amines and Sulphonates
Product Family:	Lubricant
Recommended Use:	Drilling Fluid Additive
Manufacturer/Supplier:	Bri-Chem Supply Ltd. 27075 Acheson Road Acheson, AB T7X 6B1
Phone Number:	780-962-9490
Emergency Phone:	CHEMTREC 1-800-424-9300, 24/7

Section 2: HAZARD(S) IDENTIFICATION

Classification:	Flammable liquid – Category 3; Acute toxicity (Oral) – Category 4; Acute toxicity (Inhalation) – Category 4; Skin irritation – Category 2; Eye irritation – Category 2A
Label Elements:	
Signal Word:	Warning
Hazard Statement(s):	Flammable liquid and vapour. Harmful if swallowed. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation.
Precautionary Statement(s)	
Prevention:	Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep container tightly closed. Ground and bong container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.

SAFETY DATA SHEET

Response: If Swallowed: Call a POISON CENTRE or doctor if you feel unwell.
If on Skin: Wash with plenty of water.
If Inhaled: Remove person to fresh air and keep comfortable for breathing.
If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice or attention.
If eye irritation persists: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
Call a POISON CENTRE or doctor if you feel unwell.
In case of fire: Use to extinguish

Storage: Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents and container in accordance with local, regional, national and international regulations.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Gas oil, blend	64741-44-2	30-60		
Fatty acids, tall-oil, reaction products with diethylenetriamine, dodecylbenzenesulfonates	68956-43-4	15-40		
Polyethylene glycol nonylphenyl ether, liquids	9016-45-9	7-13		
2-Ethyl-1-hexanol	104-76-7	1-5		

Section 4: FIRST-AID MEASURES

First-Aid Measures

Inhalation: Move to fresh air. DO NOT move about unnecessarily. Symptoms of pulmonary edema may be delayed. If breathing has stopped, trained personnel should begin artificial resuscitation (AR). If the heart has stopped, trained personnel should start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). Seek medical attention if respiratory irritation or distress continues. Call a Poison Centre or doctor if you feel unwell.

Skin Contact: Quickly take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Immediately flush with lukewarm, gently flowing water for at least 15-20 minutes. If irritation develops or persists, seek medical attention.

SAFETY DATA SHEET

Eye Contact:	Quickly and gently blot or brush chemical off of the face. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Do not allow victim to rub eyes. If eye irritation develops or persists, seek medical attention.
Ingestion:	Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing victim. DO NOT INDUCE VOMITING. If vomiting occurs naturally, keep the head below hips to prevent aspiration. Have victim rinse mouth with water again. If breathing is difficult, trained personnel should administer emergency oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration (AR). Immediately call a Poison Centre or doctor.
Most Important Symptoms and Effects, Acute and Delayed	
If Inhaled:	Can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.
If on Skin:	May cause moderate to severe irritation.
If in Eyes:	May cause moderate to severe irritation.
If Swallowed:	Can irritate the mouth, throat and stomach. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Section 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:	Use an extinguishing agent suitable for surrounding fire.
Special Hazards Arising from the Product:	COMBUSTIBLE LIQUID. Can ignite if heated. Releases vapour that can form explosive mixture with air at or above the flash point. This product presents no unusual hazards in a fire situation.
Special Protective Equipment and Precautions for Fire-fighters:	Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8 of this safety data sheet.
Environmental Precautions:	It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

SAFETY DATA SHEET

Methods and Materials for Containment and Cleaning Up:

Stop or reduce leak if safe to do so. Use appropriate safety equipment. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product. Flush spill area. Collect washing for disposal.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Keep container dry. Avoid contact with skin and eyes. Wear personal protective equipment to avoid direct contact with this chemical. Keep containers tightly closed when not in use. Handle in accordance with good industrial hygiene and safety practice. DO NOT eat, drink, smoke or store food in work areas. Remove contaminated clothing and protective equipment before entering eating area or when leaving work. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area.

Conditions for Safe Storage:

Do not store in unlabeled containers. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in tightly closed containers.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines not established.

Appropriate Engineering Controls:

General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection:

Do not get in eyes. Wear chemical safety goggles with side shields or splash-proof goggles.

Skin Protection:

Prevent skin contact., Skin contact should be minimized through use of suitable long-sleeved clothing (i.e shirt and pants, coveralls). Consideration must be given to durability as well as permeation resistance. Chemically resistant gloves should be used.

Respiratory Protection:

Wear a NIOSH-approved air-purifying respirator with an organic vapour cartridge when airborne concentrations are excessive.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance:

Dark amber liquid

Odour:

Oily

Odour Threshold:

Not available

SAFETY DATA SHEET

pH:	6 – 8 (10% solution)
Melting Point/Freezing Point:	Not available (melting) ;Not available (freezing)
Initial Boiling Point/Range:	Not applicable
Flash Point:	> 93.3°C (closed cup)
Evaporation Rate:	Not available
Upper/Lower Flammability or Explosive Limit:	Not available (upper); Not available (lower)
Vapour Pressure:	Not available
Vapour Density (Air=1):	Not available
Relative Density (Water=1):	0.952
Solubility:	Insoluble in water
Partition Coefficient, n-Octanol/Water (Log Kow):	Not available
Other Information	
Physical State:	Liquid

Section 10: STABILITY AND REACTIVITY

Chemical Stability:	Normally stable
Possibility of Hazardous Reactions:	None known
Conditions to Avoid:	Open flames, sparks, static discharge, heat and other ignition sources.
Hazardous Decomposition Products:	Oxides of Carbon. Oxides of Nitrogen. Oxides of Sulfur.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Skin contact; eye contact; inhalation; ingestion.
Acute Toxicity:	(Gas oil, blend) LC50 Rat (4-hr exposure): 1.72 mg/L (aerosol) (20-Ethyl-1-hexanol) LD50 Oral Rat: 2500 mg/kg LD50 Dermal Rabbit: 1985 mg/kg
Skin Corrosion/Irritation:	May cause moderate to severe irritation.
Serious Eye Damage/Irritation:	May cause moderate to severe irritation.

SAFETY DATA SHEET

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation: Can be slightly irritating to the respiratory system. An harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Ingestion: Can irritate the mouth, throat and stomach. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Carcinogenicity: Not listed/designated for IARC, ACGIH, NTP, OSHA.

No information was located for: STOT (Specific Target Organ Toxicity) – Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects.

Section 12: ECOLOGICAL INFORMATION

No ecotoxicity or environmental fate data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Method: Recycle and reuse product, if possible. Contact local environmental authorities for approval disposal or recycling methods in your jurisdiction.

Section 14: TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3082	Environmentally Hazardous Substance, Liquid, N.O.S. (Polyethylene glycol nonylphenyl ether, liquids)	9	III

Special Precautions: Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Section 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS 1988 Classification:



Class D1B

Class D2B

D1B - Toxic; D2B – Toxic (Skin irritant; Eye irritant)

SAFETY DATA SHEET

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): All intentional components of this product are either on the DSL, the confidential DSL or notifications/import restrictions are in place.

Section 16: OTHER INFORMATION

Disclaimer:

The information contained herein is based on data available to us and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed or implied, by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility and expressly disclaim any liability for any use of this product. It is the user's responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all applicable federal, provincial, and local regulations remains the responsibility of the user.

Prepared by: Bri-Chem Supply Ltd.

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