

SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Identification: DEFOAM

Other Means of Identification: Alcohol and surfactant blend in mineral oil

Product Family: Antifoam agent

Recommended Use: Drilling Fluid Additive

Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1
780-962-9490

Emergency Phone No: ChemTrec, (800) 424-9300, 24/7

Section 2: HAZARD(S) IDENTIFICATION

Classification

Skin irritation – Category 2; Eye irritation – Category 2A

Label Elements



Signal Word: Warning

Hazard Statements: Causes skin irritation. Causes serious eye irritation.

Precautionary Statement(s)

Prevention: Wash hands and skin thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.

Response

If on Skin: Wash with plenty of water.

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.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
2-Ethyl-1-Hexanol	104-76-7	15-40	

Section 4: FIRST-AID MEASURES

First-Aid Measures

Inhalation:	Remove to fresh air. Do not allow victim to move about unnecessarily. Symptoms of pulmonary edema may be delayed. If breathing has stopped, trained personnel should begin artificial respiration (AR). If heart has stopped, trained personnel should begin cardiopulmonary resuscitation (CPR) immediately. Get medical attention immediately.
Skin Contact:	Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If irritation develops or persists, seek medical attention.
Eye Contact:	Quickly and gently blot or brush chemical off the face. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 30 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. Drink 2-3 glasses of water. DO NOT INDUCE VOMITING. If vomiting occurs naturally, keep the head below hips to prevent aspiration. Never give anything by mouth to an unconscious or convulsing victim. 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). Get immediate medical attention.

Section 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:	Use extinguishing agent suitable for surrounding fire.
Unsuitable Extinguishing Media:	DO NOT use water jet
Specific Hazards Arising from the Chemical:	Not classified as flammable or combustible Flash Point: > 93.3°C.
Special Protective Equipment and Precautions for Fire-Fighters:	The use of self-contained breathing apparatus is recommended for firefighters. Firefighters must wear a full-body encapsulating chemical protective suit with positive-pressure self-contained breathing apparatus (SCBA).

SAFETY DATA SHEET

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Evacuate the area immediately and isolate the hazard area. Keep unnecessary and unprotected personnel from entering. 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.
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:	Practice reasonable caution and personal cleanliness. Avoid ingestion. 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, etc. prior to entering eating areas or leaving work area. It is good practice to avoid breathing product; avoid skin and eye contact and wash hands after handling.
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials. Do not store in unlabeled containers.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Not established
Appropriate Engineering Controls:	General mechanical ventilation is recommended. Emergency eyewash and safety shower should be in close proximity.
Individual Protection Measures	
Eye/Face Protection:	Wear chemical safety goggles with side shields or splash-proof goggles.
Skin Protection:	Wear coveralls, boots, gloves as needed to prevent skin exposure. Chemical resistant clothing such as gloves and apron are recommended.
Respiratory Protection:	In the absence of proper ventilation, a NIOSH-approved respirator with an organic vapour cartridge is recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance:	Clear green liquid
Odour:	Sweet
Odour Threshold:	Not available
pH:	7 – 8 (1% solution)
Melting Point/Freezing Point:	Not applicable (melting); Not applicable (freezing)
Initial Boiling Point/Range:	Not applicable
Flash Point:	> 93.3 °C
Evaporation Rate:	Not available
Upper/Lower Flammability or Explosive Limit:	Not available (upper); Not available (lower)
Vapour Pressure:	Not available
Vapor Density (air=1):	Not available
Relative Density (water=1):	0.890
Solubility:	Insoluble in water
Other Information	
Physical State:	Liquid

Section 10: STABILITY AND REACTIVITY

Chemical Stability:	Normally stable
Possibility of Hazardous Reactions:	None known
Conditions to Avoid:	High temperatures. Open flames, sparks, static discharge, heat and other ignition sources.
Incompatible Materials:	Strong oxidizing agents (e.g. perchloric acid), organic acids (e.g. acetic acid).
Hazardous Decomposition Products:	Oxides of carbon

Section 11: TOXICOLOGICAL INFORMATION

General irritancy of product is high

Likely Routes of Exposure:	Skin contact, skin absorption, eye contact, inhalation, ingestion.
Acute Toxicity:	(2-Ehtyl-1-Hexanol) LD50 Oral Rat: 2500 mg/kg LD50 Dermal Rabbit: 1985 mg/kg

SAFETY DATA SHEET

Skin Corrosion/Irritation:	SKIN IRRITANT. May cause moderate to severe irritation. Symptoms include pain, redness and swelling. Animal tests show moderate to severe irritation (2-Ethyl-1-Hexanol).
Serious Eye Damage/Irritation:	EYE IRRITANT. May cause moderate to severe irritation. Symptoms include sore, red eyes and tearing. Animal tests show moderate to severe irritation (2-Ethyl-1-Hexanol).
STOT (Specific Target Organ Toxicity) – Single Exposure	
Inhalation:	High vapour concentrations are irritating to the respiratory tract and may cause headaches, dizziness, anesthesia and drowsiness.
Ingestion:	Can irritate the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.
Carcinogenicity:	Not a carcinogen
Germ Cell Mutagenicity:	An ingredient in this product has caused mutagenic effects in vitro in the presence of activation.
No Information was Located for:	Respiratory and/or skin sensitization, development of offspring, sexual function and fertility, interactive effects.

Section 12: ECOLOGICAL INFORMATION

No ecotoxicity or environmental fate data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Methods: Recycle and reuse product, if possible. Dispose of in accordance with federal, provincial and local government.

Section 14: TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

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:



SAFETY DATA SHEET

D2B – Toxic (Skin irritant; Eye irritant)

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.

Revision Date: June 17, 2024