

SAFE-T-COAT

SECTION 1. IDENTIFICATION

Product Identifier	SAFE-T-COAT
Other Means of Identification	Filming Amines
Product Family	Corrosion Inhibitor
Recommended Use	Drilling Fluid Additive.
Supplier Identifier	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com
Emergency Phone No.	ChemTrec, (800) 424-9300, 24/7

SECTION 2. HAZARD IDENTIFICATION

Classification

Acute toxicity (Oral) - Category 4; Acute toxicity (Inhalation) - Category 2; Skin irritation - Category 2; Serious eye damage - Category 1; Aspiration hazard - Category 1

Label Elements



Signal Word:

DANGER!

May be fatal if swallowed and enters airways.

Causes serious eye damage including corneal opacity.

High vapour concentration are irritating to the respiratory tract and may cause headaches, dizziness, anaesthesia, drowsiness, unconsciousness and other central nervous system effects including death.

Contact may aggravate existing dermatitis.

Precautionary Statement(s):

Prevention:

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands and skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear eye protection/face protection.

In case of inadequate ventilation wear respiratory protection.

Response:

IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

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.

Specific treatment is urgent (see supplemental first aid instruction on this label).

Rinse mouth.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse.

Storage:

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

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

Take off contaminated clothing and wash it before reuse.

Storage:

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

Store locked up.

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
Gas oil, blend	64741-44-2	40-70	
2-Ethyl-1-hexanol	104-76-7	3-7	
Fatty acids, C18-unsatd., dimers, compds. with 4, 5-dihydro-2-nortall-oil	68038-16-4	10-30	

Notes

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration and seek medical attention. Keep at rest.

Skin Contact

Remove contaminated clothing and launder before re-use. Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. If irritation develops or persists, seek medical attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

DO NOT INDUCE VOMITING. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If victim is fully conscious, give 1-2 glasses of water. Never give anything by mouth to an unconscious or convulsing victim. Get medical attention.

Immediate Medical Attention and Special Treatment

Medical Conditions Aggravated by Exposure

Contact may aggravate existing dermatitis.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Dry chemical, carbon dioxide, alcohol foam, water spray, foam.

Unsuitable Extinguishing Media

DO NOT use water jet.

Specific Hazards Arising from the Product

Flash Point: 53°C.

Special Protective Equipment and Precautions for Fire-fighters

Firefighters should wear a full-body encapsulating chemical protective suit with positive-pressure self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Dike and recover contaminated water for appropriate disposal. Flush spill area. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid generating vapours or mists. Avoid repeated or prolonged skin/eye contact with product or with contaminated equipment/surfaces.

Handle in accordance with good industrial hygiene and safety practice. 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. Keep away from ignition sources.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

(Methyl isobutyl carbinol)

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. TWA = Time-Weighted Average. 25 ppm

STEL = Short-term Exposure Limit. 40 ppm

OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. TWA = Time-Weighted Average. 25 ppm

PEL = Permissible Exposure Limits. STEL = Short-term Exposure Limit. 40 ppm.

Appropriate Engineering Controls

Provide mechanical ventilation to prevent dust concentrations and to reduce potential exposure. Emergency eyewash and safety shower should be in close proximity.

Individual Protection Measures

Eye/Face Protection

Do not get in eyes. Wear chemical safety goggles.

Skin Protection

Chemically resistant clothing such as gloves and apron are recommended.

Respiratory Protection

Not normally required if product is used as directed. In case of insufficient ventilation and/or misty conditions, wear a NIOSH-approved organic filter respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Amber liquid. Particle Size: Not available
Odour	Phenolic
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	61 °C (closed cup)
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)

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Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	~ 0.880
Solubility	Dispersible in water; Not available (in other liquids)
Decomposition Temperature	Not available
Other Information	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available
Bulk Density	Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Heat. Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), oxidizing agents (e.g. peroxides), reducing agents (e.g. hydroquinone).

Hazardous Decomposition Products

Elemental oxides, oxides of carbon, smoke on combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact; eye contact; inhalation; ingestion.

Acute Toxicity

Gas oil, blend

LC50 Rat: 1.72 mg/L (4-hour exposure) (aerosol)

2-Ethyl-1-hexanol

LD50 Oral Rat: 2500 mg/kg

2-Ethyl-1-hexanol

LD50 Dermal Rabbit: 1985 mg/kg

Skin Corrosion/Irritation

Irritant. Frequent or prolonged contact may irritate the skin and cause a rash.

Serious Eye Damage/Irritation

Severe irritant. Can cause redness, irritation and corneal opacity.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

High vapour concentrations are irritating to the respiratory tract and may cause headaches, dizziness, anaesthesia, drowsiness, unconsciousness and other central nervous system effects including death.

Ingestion

Can cause nausea, diarrhea and abdominal cramps. Small amounts of liquids aspirated into the respiratory tract during ingestion or from vomiting may cause mild to severe pulmonary injury and possibly death.

Carcinogenicity

Ingredients not listed as carcinogenic by IARC, ACGIH, NTP, or OSHA.

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

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SECTION 12. ECOLOGICAL INFORMATION

No ecotoxicity or environmental fate data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of in accordance with federal, provincial and local government regulations.

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



Class B3



Class D1B



Class D2B

B3 - Combustible Liquid; D1B - Toxic; 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

SDS Prepared By Bri-Chem Supply Ltd

Phone No. (403) 252-5904

Date of Preparation February 25, 2016

Date of Last Revision July 27, 2016

Disclaimer

This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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