

INHIBIDRILL

SECTION 1. IDENTIFICATION

Product Identifier	INHIBIDRILL
Other Means of Identification	Neutralized Amines
Product Family	Clay/Shale 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

Label Elements

Skin Corrosion/Irritation: May cause very mild irritation based on information for closely related chemicals.

Serious Eye Damage/Irritation: May cause very mild irritation based on information for closely related chemicals.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Formic Acid, comp'd with 1,6-Hexanediamine (2:1)	65597-02-6	60-100	

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, preferably mouth-to-mouth resuscitation. Seek medical attention.

Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If irritation develops or persists, seek medical attention.

Eye Contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. If contact lens is present, DO NOT delay flushing or attempting to remove the lens. Obtain immediate 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, have victim lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Loosen tight clothing such as a collar, tie, belt or waistband. If victim is not breathing, perform mouth-to-mouth resuscitation. Get medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Foam, water spray, dry chemical powder, carbon dioxide.

Specific Hazards Arising from the Product

Does not burn.

Special Protective Equipment and Precautions for Fire-fighters

Firefighters may enter the area if positive-pressure SCBA and full Bunker Gear is worn.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately and downwind locations. Keep unnecessary and unprotected personnel from entering. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental Precautions

It is good practice to prevent releases into the environment. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Use appropriate safety equipment. Contain and soak up spill with absorbent that does not react with spilled product. Contaminated absorbent poses the same hazard as the spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. After cleaning, flush away traces with water; collect washing for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid generating vapours or mists. Only use where there is adequate ventilation. Immediately report leaks, spills or equipment failure. In the event of a spill or leak, exit the area immediately. 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. It is good practice to: avoid breathing product, avoid eye and skin contact and wash hands thoroughly after handling.

Conditions for Safe Storage

Store in a dry, well-ventilated place away from heat, sparks and flames; separate from incompatible materials. Do not store in unlabeled containers. Keep container tightly closed and dry.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines not established.

Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Chemical-resistant gloves and rubber apron are recommended. 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. Remove contaminated clothing and launder before use.

Respiratory Protection

Not expected to be a problem under normal conditions of use.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
Odour	Odourless
Odour Threshold	Not available
pH	7.20 - 7.70
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	> 100 °C
Flash Point	> 100 °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)	1.095
Solubility	Soluble 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.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Oxides of carbon, nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

No LD50 or LC50 data is available.

Skin Corrosion/Irritation

Not expected to be a problem under normal conditions of use. Liquid may cause irritation. Due to the pH of the product, the corrosive properties of the individual components are not present.

Serious Eye Damage/Irritation

Not expected to be a problem under normal conditions of use. Liquid may cause irritation. Due to the pH of the product, the corrosive properties of the individual components are not present.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not expected to be a problem under normal conditions of use. Due to the pH of the mixture, individual components have been rendered non-volatile. Inhalation not likely.

Ingestion

Due to the pH of the product, the corrosive properties of the individual components are not present. No significant

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adverse effects with normal use.

Carcinogenicity

No carcinogenicity data listed / designated.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, 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 Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

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 D2B

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 ingredients are listed on the DSL or are not required to be listed.

SECTION 16. OTHER INFORMATION

SDS Prepared By Bri-Chem Supply Ltd

Phone No. (403) 252-5904

Date of Preparation October 16, 2015

Date of Last Revision July 25, 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

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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.