Black Diamond
BD Drill Drilling Tools Canada

【Material Safety Data Sheet】

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name	Black Diamond Biological Rock Drill Oil
Product Usage	Suitable for lubrication of heavily loaded rock drills equipment
Company Identification	BLACK DIAMOND DRILLING TOOLS CANADA INC.
Address	1899 Lasalle Blvd. Unit 6, Sudbury, On, Canada
Post Code	P3A 2A3
Emergency Response	Phone +1 (705) 560 5888
	Fax +1 (705) 560 5888
	E- mail sales@bddrill.ca
Website	http://www.bddrill.ca

SECTION 2. HAZARD IDENTIFICATION

Classification
Not classified under any hazard class.
Label Elements
Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

SECTION 4. FIRST AID MEASURES

First-aid Measures

Skin Contact
Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

Eye Contact
Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion
Rinse mouth with water. Do not induce vomiting, contact physician. If conscious, dilute by giving two (2) glasses of water. Not toxic.

First-aid Comments
Flush eyes with water. Wash skin with soap and water. In case of indigestion, do not induce vomiting. Call a physician immediately.

Most Important Symptoms and Effects, Acute and Delayed
If on skin: may cause irritation, redness, swelling or dermatitis.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Foam, carbon dioxide, and dry chemical

Unsuitable Extinguishing Media

Not applicable.

Specific Hazards Arising from the Product

Carbon oxides and products of incomplete combustion.

Specific Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

No special precautions are necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

Environmental Precautions

No special precautions are necessary.

Methods and Materials for Containment and Cleaning Up

Spills should be contained and cleaned up properly.

Other Information

Product is environmentally safe.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

No special precautions are necessary. It is a good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

No special precautions are necessary.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Gloves suggested for proper hygiene practice.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Odour	Oily
pH	7.0 - 7.3
Melting Point/ Freezing Point	-30 °C (-22 °F) (melting)
Boiling Point/Initial Boiling Point	300 °C (572 °F)
Flash Point	> 279 °C (534 °F)
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)	0.907
Auto-ignition Temperature	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity
None known.
Chemical Stability
Normally stable.
Possibility of Hazardous Reactions
None known.
Incompatible Materials
Oxidizing agents (e.g. peroxides).
Hazardous Decomposition Products
Carbon and oxides of Sulphur on burning.

SECTION 11. TOXICOLOGICAL INFORMATION

Chemical Name	**LC50**	**LD50 (oral)**	**LD50 (dermal)**
Contains no hazardous ingredients		> 5,000 mg/kg	

LC50 (Inhalation)
No information was located.
Skin Corrosion/Irritation
There is limited evidence of mild irritation.
Serious Eye Damage/Irritation
Not an eye irritant.
Carcinogenicity
Not known to cause cancer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Not harmful to aquatic life, based on acute toxicity tests.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

SECTION 14. TRANSPORT INFORMATION

Not regulated under US DOT Regulations. Not regulated under IATA Special Precautions.

T**ransport in Bulk according to International Maritime Organizations Instruments**

Not applicable.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This section is not required by WHMIS. This section is not required by OSHA HCS 2012.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

We certify that all chemical substances in this shipment comply with all applicable rules or orders under T.S.C.A. and that we are not offering a chemical substance for entry in violation of the T.S.C.A. or any applicable rule or other thereunder.