

Material Safety Data Sheet

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GENERAL

PRODUCT NAME BRADY ROCKDRILL OIL

PRODUCT CODE BBORD

SUPPLIER WB Mining Supply/MPI
25 Allegheny Square
Glassport, PA 15045
Tel: 412.664.7788 alternate Tel: 312.409.4452

Emergency Telephone Number 1.866.314.1200

Product Type Lubricant

Application Lubrication – Product supplied for use in lubrication systems only.

WHMIS Classification: Not Controlled.

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COMPOSITION/ INFORMATION ON INGREDIENTS

General A BLEND OF PARAFFINIC BASE OILS CONTAINING A TACKIFIER, PROPRIETARY ANTI- RUST, EXTREME PRESSURE AND ANTI WEAR ADDITIVES. MANUFACTURER CONSIDERS THESE ADDITIVE PACKAGES TO BE CONFIDENTIAL INFORMATION AND IS WITHHELD AS PERMITTED BY 29CFR 1910.1200.

Hazardous Ingredients None

CAS Number Not applicable for mixtures and blends.

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PHYSICAL & CHEMICAL DATA

Color	Yellow	Odor	Petroleum
Volatile (wt%):	0	Solubility	Negligible
Vapour Pressure (mm Hg @68°F/20°C)	< 0.10	Specific Gravity @59°F/15°C	0.86 - 0.88

These properties do not constitute a specification.

Flammability	Yes – Condition, open flame above flash point
Flash Point (COC) (°F/°C)	>381°F/>194°C
Extinguishing Media	Dry chemical, water spray (fog), foam or carbon dioxide.
Products of Combustion	Hydrogen sulphide and oxides of carbon, nitrogen, sulphur and phosphorus.
Special Fire Fighting Procedures:	Water foam may cause frothing. For fires involving this material do not enter any enclosed or confined space without proper protective equipment. Firefighters should use NIOSH/MSHA approved self-contained breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiencies. Drums and containers exposed to fire should be cooled with water.

NFPA Rating²**Hazard Rating**

0=Least
1=Slight
2=Moderate
3=High
4=Extreme

nfpa/hmis classification

Health	- 0/0
Fire	- 1/1
Reactivity	- 0/0
Personal Protection Index	- X

Stability	Product is normally stable at ambient temperatures.
Incompatibility	Strong oxidising agents.
Polymerisation	Will not occur .
Conditions to avoid	Extremely high temperatures.
Hazardous Decomposition	Thermal decomposition from high temperature or combustion will produce hydrogen sulphide and oxides of carbon, nitrogen, sulphur and phosphorus.

Summary of Acute Hazards:	This product is not expected to present a significant health hazard upon short term exposure. Exposure Limit: 5mg/m³ (Oil Mist).
Route of Exposure:	Signs and Symptoms:
Inhalation	Inhalation of hot oil mist or vapours may irritate the upper respiratory tract.
Eye Contact	No irritation is expected from short term exposure.
Skin Irritation	Slight irritancy is expected.
Skin Absorbtion	No irritation is expected to occur upon short term exposure.
Ingestion	No irritation is expected from short term exposure.
Chronic Hazards	Long-term exposure to oil mist may cause benign lung fibrosis. Prolonged and/or repeated contact with this material may produce skin irritation, inflammation,

dermatitis or oil acne. Personal with pre-existing skin disorders should avoid contact.

Special Health Effects

No specific toxicity data but extrapolation from similar materials indicates that this product has low oral toxicity.

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PROTECTIVE EQUIPMENT & OTHER CONTROL MEASURES

Respiratory

None is needed under anticipated use conditions with adequate ventilation. If exposure exceeds the occupational exposure limits, follow OSHA standards or equivalent and wear proper NIOSH/MSHA – approved respiratory equipment.

Eye

Safety goggles should be adequate protection under most conditions of use. Wear goggles and or face shield if splashing or spraying is likely to occur. Have eye wash water available.

Skin

Avoid prolonged and/or repeated skin contact, or wear impervious protective gloves and clothing together with skin barrier cream. When leaving work, wash hands or exposed skin with soap and water.

Engineering Controls

Use adequate ventilation to keep oil mists of this material below applicable standard(s).

Other Hygienic & Work Practices

Wash hands with plenty of soap and water before eating, drinking or using toilet facilities. If general contact occurs, remove oil-soaked clothing and launder before reuse.

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EMERGENCY AND FIRST AID

Ingestion

SEEK MEDICAL ATTENTION: DO NOT induce vomiting or attempt to give liquids to a semi or fully unconscious person. Ingestion of large quantities may cause gastrointestinal discomfort, nausea, vomiting and diarrhoea. Small doses may produce irritation and/or diarrhoea.

Inhalation

In case of over exposure, move person to fresh air and give artificial respiration if necessary. If breathing is difficult give oxygen and seek medical attention.

Eye Contact

Flush eyes thoroughly with clean, low pressure water for 15 minutes, occasionally lifting the eyelids. If pain or redness persists after flushing obtain medical attention.

Skin Contact

Remove by wiping, and then wash skin thoroughly with plenty of soap and water. Remove contaminated clothing and thoroughly clean before reuse.

Pressure Injection

Always obtain immediate medical attention even though the injury may appear to be minor.

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SPILLS & DISPOSAL

Ecological

This product should be treated as lubricating oil. Lubricating oils are inherently, but not readily, biodegradable.

Precautions if material is spilled or released

Contain spill and prevent it from entering all water bodies. If possible, safely stop flow of spill. Evacuate non-essential personnel from immediate spill area due to slipping hazards. In urban area, clean up as soon as possible; in natural environments, clean up on advice from ecologists. This material will float on water. Absorbent materials and pads can be used. Comply with all applicable laws. Spills may need to be reported to the National Response Center (800-424-8802). The spilled material and any soil or water which it has contacted may be hazardous to animal/aquatic life.

Waste Disposal Methods

Place used and contaminated materials/packaging in suitable containers. Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a “hazardous waste”, as defined by state, provincial or federal laws. Use approved treatment, transporters, and disposal sites in compliance with all applicable laws, if spill is introduced into a wastewater treatment system. Chemical and biodegradable if gradually exposed to micro organisms. Potential treatment and disposal methods include land farming, incineration and land disposal, if permitted.

9 ***TRANSPORTATION AND SPECIAL PRECAUTIONS***

Handling, Storage & Decontamination Procedures

To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures >104°F (40°C) should be minimized. Product degradation might increase health hazard risks.

Keep containers closed when not in use.

Clean up spills immediately to prevent slip hazards.

Recommended storage temperature 5° - 35° C / 41° - 95° F

Regulatory Information

U.S. Department of Transportation (DOT)

Proper Shipping Name
Hazard Class
Hazard Identification Number
WHIMIS Classification

Lubricating oil
Non hazardous
None assigned
Not Controlled

10 ***ENVIRONMENTAL DATA***

Emergency Planning & Community Right to Know

SARA title section 311.312 categorizations (40 CFR 370) – this product is not a hazardous chemical under 29 CFR 1910.1200, and therefore is not covered by SARA Title III of SARA title III section 313 information (40 CFR 372) – this product does not contain a chemical which is listed in section 313 above *de minimus* concentrations.

Comprehensive Environmental Response Compensation and Liability Act (SERCLA) Section 102 Hazardous Substances

Releases of this material to air, land or water are not reportable to the National Response Center under CERCLA/Superfund or to state and local emergency planning committees under the Superfund Amendments Reauthorization Act (SARA) Title III, Section 304. As defined by CERCLA, the term “hazardous substance” does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance.

Resource Conservation & Recovery Act

When this product becomes a waste, it is classified as non-hazardous waste under the criteria of RCRA (40 CFR 261)

Toxic Substances Control Act

All components of this product are listed in the TSCA inventory.

WHMIS Classification:

Not Controlled.

CEPA (DSL)

All ingredients of this product are listed on the Domestic Substances List

SOME OF THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE MIXTURE ITSELF

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