



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

MINERAL OIL

MATERIAL SAFETY DATA SHEET

SECTION 1 – GENERAL INFORMATION

PRODUCT NAME: MICRO BLEND RS 60 B
CHEMICAL NAME: REFINED MINERAL OIL
CHEMICAL FAMILY: HYDROCARBON
FORMULA: Mineral oils are complex mixtures of petroleum based oils with various aliphatic and aromatic components.

SECTION 2 – HAZARDOUS INGREDIENTS

PETROLEUM HYDROCARBONS 100%
Oral LD50, Rais > 5g/KG
Dermal LD50, Rabbits > 2g/KG

SECTION 3 – PHYSICAL DATA

BOILING POINT: N/A
% VOLATILE BY VOLUME: N/A
VAPOR DENSITY (AIR): N/A
SOLUBILITY IN WATER: Negligible
REACTIVITY IN WATER: None
APPEARANCE & ODOR: Light colored oil – slight odor
SPECIFIC GRAVITY (WATER): 0.865-. 910
VAPOR PRESSURE: N/A
EVAPORATION RATE: N/A

SECTION 4 – FIRE AND EXPLOSION DATA

FLASH POINT: 275 degrees F
FLAMMABLE LIMITS IN AIR: N/A
EXTINGUISHER MEDIA: Water with Foam, CO2, or Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined space fire without proper protective equipment including, a NOISH approved self-contained breathing apparatus. Cool fire exposed containers, surround equipment and structures with water.



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NATIONAL FIRE PROTECTION ASSOCIATION RATING

KEY	FIRE
4 = Extreme	1
3 = High	Health
2 = Moderate	1
1 = Slight	Reactivity
0 = Minimum	0

SECTION 5 – PHYSICAL HAZARDS

STABILITY: Stable

INCOMPATIBILITY (Materials to avoid): Do not expose to pure oxygen. This could form an explosive mixture.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6 – HEALTH HAZARDS

THRESHOLD LIMIT VALUE: 5mg/m

CARCINOGEN: NTP: No IARC: No OSHA: No

SIGNS & SYMPTOMS OF OVEREXPOSURE:

ACUTE: Mild skin, eye, and lung irritation

CHRONIC: Mild skin, eye, and lung irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Respiratory irritation

OSHA PERMISSIBLE EXPOSURE LIMITS: 5mg/m³

ACGIH THRESHOLD LIMIT VALUE: 5mg/m³

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

EYES: Flush with water for 15 minutes while holding eyelids open. Get medical attention.

SKIN: Remove contaminated clothing and wipe excess off. Wash with soap and water or to waterless hand cleaner, followed by soap and water. Do not reuse clothing until cleaned.



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INGESTION: Do not induce vomiting. In general, no treatment is required unless large quantities are ingested. Get medical attention.

SECTION 7 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH approved respiratory for overexposure.

VENTILATION: Yes, mechanical as described in ACGIH industrial ventilation manual.

PROTECTIVE GLOVES: YES

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Minimize skin contact

SECTION 8 – SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Minimize skin contact. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing only after proper decontamination.

OTHER PRECAUTIONS: May burn although not readily ignitable.

STEPS TO TAKE IN CASE OF SPILL: Wear appropriate protective equipment, shut off source of leak, if safe to do so. Dike and contain. Remove with vacuum truck or pump to storage vessels. Soak up residue with absorbent. Dispose of waste at an appropriate disposal facility in compliance with Federal and local regulations. This product is oil under the Clean Water Act. Keep out of surface waters and any water courses or sewers entering or leading to surface waters

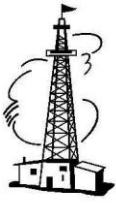
SECTION 9 – NOTES

N/A

SECTION 10

Date Prepared: October 15, 2009

The above information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Prairie Mud Service cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.



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