



Prairie Mud Service

Fluid Solutions Thru Experience and Technology

MINERAL OIL Safety Data Sheet

Revision Date: December 1, 2019

Review Date: June 7, 2021

1. Substance Identification

Product identifier **Olafson Eco Blend 60**

Other means of identification

Product code	OO-Eco Blend 60
CAS number	64742-53-6
Synonym / Trade names	Mineral Oil
Family / Chemical name	Distillates, petroleum, hydrotreated light naphthenic
NFPF Ratings (scale 0-4)	1-Health, 1-Fire, 0-Reactivity
SDS Form No.	SDS MINERAL Oil 12-10-2019

Manufacturer/Importer/Supplier/Distributor information

Company name	Prairie Mud Service
Address	738 6th Street Estevan, SK Canada S4A 1A4
Telephone	(306) 634-3411
Emergency phone number	CANUTEC 1-613-996-6666

2. Hazardous Ingredients

This product fits the ACGIH definition for Mineral Oil Mist.

Petroleum Hydrocarbon – As Mist

Percent 100

Exposure limits in air

OSHA PEL TWA	5 MG/M ³
OSHA PEL STEL	None Established
ACGIH TLV TWA	5 MG/M ³
ACGIH TLV STEL	10 MG/M ³
CAL OSHA TWA	5 MG/M ³

3. Physical Properties

Vapor Density	4 (Air = 1)
Specific Gravity	0.860 – 0.880 @ 15°C
Solubility in water	Insoluble
Density	0.860 – 0.880
Coefficient of water/oil dist.	Not applicable
Molecular weight	>400
Melting point	Not applicable
Boiling point	Above 200°C
Evaporation rate	0.001 (Ether = 1)
% Volatile	Negligible
PH	Not applicable
Pour point	> -50°C
API Gravity	Not applicable
How to detect this substance	Viscous, oily, amber liquid, with a characteristic petroleum odor and slipper feel.

4. Fire and explosion data

Flash point	>145°C COC
Autoignition temp	Not applicable
Lower flammable limit	1 VOL. % (Mist)
Upper flammable limit	10 VOL. % (Mist)
Extinguishing media	Carbon dioxide, foam, dry chemical
Hazardous Combustion Products	Thermal decomposition and burning may produce the following hazardous decomposition products: Carbon monoxide, hydrogen sulfide, nitrogen oxides, and other toxic materials.
Unusual fire and explosion hazards	Move container from fire area if you can do so without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks and drums – heated containers may rupture, explode or be thrown into the air. Heated vapors may be sensitive to static discharge – resulting in fire or explosion.
Firefighting procedures	Withdraw immediately in case of rising sound from venting safety device or discoloration of tank due to fire. Keep storage containers cool with water spray. Use self-contained breathing apparatus (SCBA).

5. Health hazard information

Symptoms of exposure	
Inhaled	Acute High concentrations of vapor or mist may be irritating to the respiratory tract, including nose and throat. May cause difficulty breathing.

Skin	This material may cause skin irritation. Prolonged or repeated contact may cause redness, burning, and dermatitis. Contact with hot material may cause thermal burns.
Eyes	Contact may cause slight to moderate irritation, including burning, tearing, and redness. Contact with hot material may cause thermal burns.
Swallowing	May cause irritation of the digestive tract, nausea and vomiting. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Chronic

Prolonged and/or repeated skin contact may cause drying and cracking or dermatitis. Exposure to high oil mist concentrations may lead to oil pneumonia.

Medical conditions aggravated by exposure

Contact with skin may aggravate pre-existing dermatitis.

Carcinogenicity

No ingredients of this product, present at equal to or greater than 0.1% of the product, are listed by OSHA, NTP or IARC as suspected carcinogens.

6. Emergency and first aid procedures

Inhaled	Remove to fresh air immediately. If there is difficulty breathing or if breathing has stopped, oxygen or artificial respiration should be administered by qualified personnel. Do not leave victim unattended. Seek immediate medical attention if necessary.
Skin	Remove contaminated clothing and shoes. Do not use gasoline, thinners or solvents to remove product from skin. Wipe material from skin and wash thoroughly with soap and water, and if necessary a waterless skin cleanser. Consult physician if irritation or pain persists.
Eyes	For direct contact, flush eyes with water for 15 minutes lifting upper and lower lids occasionally. Consult physician if irritation or pain persists.
Swallowing	Do not induce vomiting, because material can enter the lungs and cause severe damage. Drink 4-8 ounces of water and seek immediate medical attention. If vomiting occurs, or if comatose or lethargic, place on the left side with the head down – seek immediate medical attention.

Note to physician Administration of gastric lavage, if warranted, should be performed by qualified medical personnel.

7. Reactivity data

Stability Stable, not reactive with water.

Incompatibility May react with strong oxidizing agents, such as: chlorates, nitrates and peroxides. Avoid heat, sparks, and flames.

Hazardous polymerization Not known to occur under normal temperatures and pressures.

Hazardous decomposition No decomposition products under normal product conditions.

Special precautions Read and observe all precautions on product label. Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently. Caution: Do not use pressure to empty drum or explosion may result.

8. Spill, leak, and disposal procedures

Spill procedure Remove all ignition sources, and avoid breathing vapors. Ventilate area if confined. Contain as a liquid for possible re-refining if possible by diking around oil with a suitable material. If not, absorb spilled liquid in sand or inert absorbent. Contain away from surface waters and sewers. Shovel in closable container for disposal.

Waste disposal methods Dispose of in accordance with federal, provincial, and local regulations. Contact Mountainview Terminals in regards to recycling or disposal.

9. Special handling information

Ventilation and handling precautions Keep away from heat, sparks and flames. Avoid contact with eyes and skin, and avoid breathing vapors or mists. Avoid generating oil mists.

Respiratory protection When airborne concentrations exceed recommended exposure limits, a MSHA/NIOSH approved respiratory protective equipment should be worn, such as an organic vapor filter respirator. A self-contained breathing apparatus (SCBA) is required for fire emergencies.

Eye protection Where there is a likelihood of a spill or splash, wear chemical goggles and face shield. Contact lenses should not be worn.

Hand protection Use latex, neoprene, nitrile rubber, or equivalent gloves to prevent contact with the skin. Barrier creams that are specific

for oil-based materials are recommended when gloves are impractical.

Other protective clothing

Wear appropriate boots, coveralls or other protective clothing where spills and splashes are possible. A source of clean water should be available in work areas for flushing the eyes and skin if necessary.

Storage

Store in a cool, dry location. Keep away from incompatible materials. Keep container tightly closed. Empty product containers may contain product residue. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition.

10. Transportation and other regulatory information

TDG Shipping name
WHMIS

Mineral Oil Non Regulated
Not controlled

TSCA

Components of this product are listed on the TSCA inventory.

Chemical note

Product does not contain toxic chemicals.

Section 311 Categories

Immediate (Acute) Health Effects:	YES
Delayed (Chronic) Health Effects:	NO
Fire Hazard:	NO
Sudden release of pressure hazard:	NO
Reactivity Hazard:	NO

The information contained in this SDS is believed to be accurate, and represents the best information currently available to Olafson Oil Inc. Olafson Oil Inc makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and assumes no liability resulting from use of this information. Users of this product should make their own evaluation to determine the suitability of the product for their particular purposes, and should establish safe handling procedures.

Prepared by
Date

Prairie Mud Service
June 7, 2021