

# Safety Data Sheet

Issue Date 13-Jul-2016 Revision/Review Date: 22-Nov-2023 Version 1.1

## 1. IDENTIFICATION

**Product Identifier** 

**Product Name** Maxim Mineral Oil

Other Means of Identification

**Product Code** 232500

Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Lubricant. For industrial and institutional use.

**Details of the Supplier of the Safety Data Sheet** 

Midlab, Inc. 140 Private Brand Way Athens, TN 37303

**Emergency Telephone Number** 

**Company Phone Number** Phone: 1-423-337-3180

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

# 2. HAZARDS IDENTIFICATION

**Appearance** Colorless Physical State Liquid **Odor** None

Classification

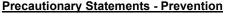
Aspiration Hazard Category 1

Signal Word

Danger

**Hazard Statements** 

May be fatal if swallowed and enters airways.



No other specific measures identified.

**Precautionary Statements - Response** 

IF SWALLOWED: Do NOT induce vomiting. Immediately calla POISON CENTER or doctor/physician.

# **Precautionary Statements - Storage**

Store locked up.

# Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

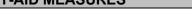
Chemical Name	CAS No	Weight-%
Mineral Oil	8042-47-5	60-100

<sup>\*\*</sup>If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

# 4. FIRST-AID MEASURES







Eye Contact If irritation or redness develops, move victim away from exposure. Flush eyes with clean

water for at least 15 minutes. If symptoms persist, seek medical attention.

**Skin Contact**Wash with mild soap and water. Take off contaminated clothing. Wash contaminated

clothing before reuse. If irritation or redness develops and persists, seek medical attention.

**Inhalation** First aid not normally required. If breathing difficulties develop, remove victim to fresh air

and keep at rest in a position comfortable for breathing. Seek medical attention.

**Ingestion** Ingestion can cause mild irritation to the digestive tract or cause a laxative effective. If

aspirated into the lungs, this material can cause severe lung damage or death. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If any discomfort persists, obtain

medical attention.

# Most Important Symptoms and Effects

**Symptoms** May cause slight irritation, tears, and a burning sensation if in eyes. May cause a mild skin

irritation, potentially causing reddening, itching or inflammation. Inhalation may cause respiratory tract irritation. Ingestion may cause nausea, vomiting and diarrhea. Aspiration

into lungs may cause chemical pneumonia and lung damage.

#### Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically. If ingested, this material represents a significant aspiration and

chemical pneumonitis hazard. Vomiting is not recommended.

## 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Dry chemicals, carbon dioxide, foam, or water spray.

#### Unsuitable Extinguishing Media

Avoid solid water stream as it may scatter and spread fire.

#### Specific Hazards Arising from the Chemical

Elevated temperature can lead to the formation of irritating fumes and vapors.

## **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

# Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions**Use personal protective equipment as required.

**Environmental Precautions** Avoid release to the environment.

# Methods and Material for Containment and Cleaning Up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Use absorbent materials such as sand,

earth, or vermiculite on land spills. Use absorbent booms or skimming devices for water

spills.

**Methods for Clean-Up** Safety glasses and gloves are recommended when cleaning up spillage. Collect spillage.

Spillage will be slick on surfaces. Collect in a clean, dry waste container for disposal. After

cleaning, flush away traces with water.

# 7. HANDLING AND STORAGE

#### **Precautions for Safe Handling**

Revision/Review Date: 22-Nov-2023 232500 - Maxim Mineral Oil

Advice on Safe Handling

Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Observe good industrial hygiene practices. Keep away from ignition sources. Be cautious of any drips or spills as product is extremely slippery.

## Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place away from strong

sunlight and heat or flames. Keep locked up and out of reach of children. Keep from

freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Oil	TWA: 5 mg/m	TWA: 5 mg/m	
8042-47-5	STEL: 10 mg/m (15 minutes)	TWA: 5 mg/m	

## **Appropriate Engineering Controls**

**Engineering Controls** General room ventilation should be adequate under normal use conditions.

## Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection** Wear glasses with side shields or goggles in case of splashing.

**Skin and Body Protection** Wear protective gloves and long sleeve clothing to minimize contact.

No protection is ordinarily required under normal conditions of use and with adequate Respiratory Protection

ventilation. If vapor or mist is generated by heating, spraying, etc., wear an air purifying

Odor

Cleveland Open Cup

None

respirator with mist filter.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

# Information on Basic Physical and Chemical Properties

**Physical State** Liquid **Appearance** Clear

Color Colorless **Odor Threshold** Not determined

Property Values Remarks • Method

Not applicable **Melting Point/Freezing Point** < -12°C / <10°F

**Boiling Point/Boiling Range** Not determined **Flash Point** > 177°C /350°F

**Evaporation Rate** Not applicable Flammability (Solid, Gas) Not applicable **Upper Flammability Limits** Not determined **Lower Flammability Limit** Not determined **Vapor Pressure** < 0.1 kPa @ 20°C

**Vapor Density** Not determined **Specific Gravity** 0.85

Insoluble **Water Solubility** Solubility in other solvents Not determined **Partition Coefficient** Log POW: >6 **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** Not determined

**Explosive Properties** Not determined **Oxidizing Properties** Not determined

# 10. STABILITY AND REACTIVITY

## Reactivity

Not chemically reactive.

# **Chemical Stability**

Stable under recommended storage conditions.

#### **Possibility of Hazardous Reactions**

None under normal processing.

## **Conditions to Avoid**

Keep out of reach of children. Keep from freezing. Keep away from heat, flame and other potential ignition sources.

#### **Incompatible Materials**

Strong oxidizers.

# **Hazardous Decomposition Products**

Thermal decomposition may result in carbon dioxide, carbon monoxide, smoke, fumes.

## 11. TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

**Product Information** 

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

#### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil 8042-47-5	> 5000 ma/ka (Rat)		> 5 mg/kg (Rat)

# Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

# Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

**Carcinogenicity** Not classifiable as a human carcinogen.

## **Numerical Measures of Toxicity**

Not determined

# 12. ECOLOGICAL INFORMATION

# **Ecotoxicity**

This product is not toxic to fish but may coat gill structures resulting in suffocation.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Mineral Oil 8042-47-5	EC50 > 1000 mg/L 96hr	LC50 > 1000 mg/L	-	EC50 > 100 mg/L 48hr Daphnia magna

# Persistence/Degradability

Not readily biodegradable.

#### **Bioaccumulation**

May bio-accumulate in aquatic organisms.

#### **Mobility**

Partition coefficient n-octanol/water > 4log Kow. May partition into air, soil and water.

#### **Other Adverse Effects**

No other adverse effects expected.

# 13. DISPOSAL CONSIDERATIONS

## **Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national, and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national, and local laws and

regulations.

# 14. TRANSPORT INFORMATION

**DOT** Not regulated (Note: The provisions of 49 CFR, Part 130 apply for shipments over 3500

bulk gallons, requiring carrier emergency plans for spills and accidents).

IATA Not regulated

<u>IMDG</u> Not regulated

# 15. REGULATORY INFORMATION

# **International Inventories**

Canada – Domestic Substances List (DSL) TSCA (Toxic Substances Control Act) All ingredients are listed or exempt. All ingredients are listed or exempt.

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

# US Federal Regulations

#### **CERCLA**

None listed.

#### SARA 311/312 Hazard Categories

#### **Acute Health Hazard**

Yes

# **SARA 313**

This material does not contain toxic chemicals (in excess of the applicable de minimis concentration) that are subject to the reporting requirements of SARA (40 CFR 372).

# **CWA (Clean Water Act)**

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
None Listed				

#### **US State Regulations**

#### U.S. State Right-to-Know Regulations

Chemical Name	State List
None Listed	

\_\_\_\_\_

CT- Connecticut Hazardous Air Pollutants

CA- California Director's List of Hazardous Substances

CAP65- California Prop65 FL- Florida Substances List

ID- Idaho Non-Carcinogen Toxic Air Pollutants

MA – Massachusetts Right to Know List

MN - Minnesota Hazardous Substances List

NJ - New Jersey Right to Know List

PA – Pennsylvania Right to Know List

RI – Rhode Island Hazardous Substances List

# **16. OTHER INFORMATION**

NFPAHealth Hazards<br/>Not determinedFlammability<br/>Not determinedInstability<br/>Not determinedSpecial Hazards<br/>Not determinedHMISHealth Hazards<br/>1Flammability<br/>1Physical Hazards<br/>0Personal Protection<br/>None required

Issue Date13-Jul-2016Revision/Review Date:22-Nov-2023Revision NoteVersion 1.1

## **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

**End of Safety Data Sheet** 

<sup>\*</sup>Denotes changes from last version.