

Mineral Oil



Health	0
Flammability	1
Physical Hazard	0
Personal Protection	X

NFPA Rating: Health 0, Flammability 1, Reactivity 0 Special 0 HMIS Rating: Health 0 Flammability 1, Physical 0, Reactivity, 0

1. Identification

Product Name:	Mineral Oil
Product Number:	08848
Manufacturer:	NEOGEN, 944 Nandino Blvd., Lexington, KY 40511
Non-emergency:	Office phone: 859-254-1221
In case of emergency:	CHEMTREC USA and Canada 1-800-424-9300 (Available 24/7) Outside USA and Canada +1-703-741-5970 24/7.
Synonyms:	White Mineral Oil, Mineral Oil Light, Petroleum Hydrocarbon, paraffin oil
Use:	Mild laxative for animals.

2. Hazardous Information

GHS Classification:	H304 Aspiration Hazard (Category 1)	
Ingredients:	White Mineral Oil:	CAS: 8042-47-5
Signal Word:	Danger!	

Hazardous Statements:

- H304 May be fatal if swallowed and enters airways.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Mineral Oil is considered hazardous per OSHA, NIOSH, ACGIH, and IARC & NFPA Specifically, Mineral oil spray/ mist.

Hazard Pictograms:

GHS08

General Precautionary Statements:

- P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Prevention Precautionary Statements:

- P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources- No smoking.
P211 Do not spray on an open flame or other ignition source.
P261 Avoid breathing mist or spray mineral oil.
P281 Use personal protection equipment as required.

Precautionary Response Statements:

- P301 IF SWALLOWED:
+P312 Call a POISON CENTER or doctor/... if you feel unwell.
+P313 Get medical advice/attention.
+P330 Rinse mouth.
P331 Do NOT induce vomiting.
P303 IF ON SKIN (or hair):
+P350 Gently wash with plenty of soap and water.

P305	IF IN EYES:
+P313	Get medical advice / attention.
+P351	Rinse cautiously with water for several minutes.
+P338	Remove contact lenses if present and easy to do – continue rinsing.
P333	IF SKIN IRRITATION OR RASH OCCURS:
+P313	Get medical advice/ attention.
P370	IN CASE OF FIRE:
+P376	Stop leak if safe to do so.
P371	IN CASE OF MAJOR FIRE AND LARGE QUANTITIES:
+P380	Evacuate Area.
P375	Fight fire remotely due to the risk of explosion.

Storage Precautionary Statements:

P401	Store in accordance: with local and state Regulations.
P402	Store in a dry place.
P404	Store in a closed container.

3. Composition

Components:	CAS Number	W/W %	NIOSH No.	OSHA Permissible Exposure Limit	ACGIH TLV
Mineral Oil	8042-47-5	100%	5 mg/m3	5 mg/m3	5 mg/m3
Vitamin E	10191-41-0	100%	N/A	<20PPM	N/A

STEL: Short Term Exposure Limit. TWA: Time Weighted Average (8hours) CEIL: Ceiling

First Aid Measures

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 mins. Remove contact lenses if necessary and continue flushing while occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration using a pocket mask with one way valve if accessible or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband Get medical aid immediately.
Ingestion:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Maintain an open passage way and loosen tight collar restricting the neck. If unconscious, place in recovery position and get medical attention immediately. Call a poison center or physician.
Skin Contact:	If exposed wash area with soap and water. Remove contaminated clothing and shoes, wash attire before reuse. Get medical advice, if irritation develops.

Most Important symptoms/effects, acute and delayed: EYES: May cause slight irritation, tears and a burning sensation SKIN: Causes mild irritation, potentially causing reddening, itching or inflammation. INHALATION: Respiratory tract irritation may occur if exposed to fumes or mists. INGESTION: Symptoms may include nausea, vomiting and diarrhea Aspiration into lungs may cause chemical pneumonia and lung damage. Medical Attention and Special Treatment needed: Treat symptomatically INGESTION: If ingested, this material represents a significant aspiration and chemical pneumonitis hazard. Vomiting is not recommended.

4. Fire Fighting Measures

Flash Point:	>115°C (239°F)
Extinguishing Media:	Dry chemicals, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media:	Do not use water spray/stream as it may spread fire.
Unusual Fire/Explosion Hazards:	<u>Decomposing products may include the following materials:</u> Carbon Dioxide and Carbon Monoxide. Product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause flash fire. Static Electricity accumulation may be increased by the presence of small quantities of water or other contaminants. Restrict flow velocity to avoid build-up of static charge.

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment to avoid direct contact. The material will burn, but will not ignite readily. Keep all ignition sources away from the spill/release.

6. Accidental Release

Steps to take in case of spill, leak or release:

Use proper personal protective equipment.

Turn off all sources of heat or ignition safety. If one attempts to stop leak, do so without risk and safety. Stop spill/release if it can be done safely. Product is insoluble in water, so prevent it from entering drains or water ways. Notify appropriate state and local authorities. Method for clean up: Use absorbent materials such as sand, earth or vermiculite on land spills. Use absorbent booms or skimming devices on water spills.

Avoid and contain runoff and discard according to Federal, State and Local Regulations.

7. Handling and Storage

Keep container sealed when not in use. Keep container in a cool, dry, well-ventilated area. Keep away from sources of ignition. Store at room temperature. Keep away from ignition sources. Be cautious of any drips or spills as product is extremely slippery. Do not enter confined spaces without appropriate equipment and procedures. Electrostatic charge may accumulate and create a hazardous condition when handling this material. Bond and Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire. Store containers in a clean, dry location, away from strong sunlight and heat or flames. Keep containers. Empty containers retain residue and should be handled with care and disposed of properly.

8. Control Measures

<i>Mineral Oil</i>	<i>OSHA PEL= TWA: 5mg/m STEL: 10mg/m</i>	<i>ACGIH= CEIL: 5mg/m</i>
<i>Vitamin E</i>	<i>No data</i>	<i>No data</i>

Appropriate Engineering Controls: Consider the following when employing engineering controls and selecting personal protective equipment: Potential hazards of the material, applicable exposure limits, job activities and other substances in the work place. If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

Protective clothing or equipment (PPE):

Respiratory: If vapor or mist is generated by heating, spraying, etc., wear an air purifying respirator with mist filter. No special respiratory protection is normally required.

Skin: Wear gloves and long sleeve clothing to minimize contact.

Eye/Face: Wear glasses with side shield or goggles in case of splashing.

Work or Hygienic Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking or eating, and before using the toilet.

9. Physical Properties (This information should not be used to establish or reference product specification.)

Physical State:	Liquid
Appearance:	Transparent to white liquid/ oil.
Odor:	None
pH:	N/A
Freezing point:	< 10°F
Boiling point:	310°C
Flash point:	>350°F / 177°C
Vapor Pressure:	1
Specific Gravity:	0.840-0.905 @ 25°C
Solubility in Water:	Insoluble Partition coefficient: log POW: >6 This product is soluble in oil
Test Method:	Cleveland Open Cup (COC), ASTM D92
Evaporation rate:	N/A
Flammability: No data	(solid, gas) Not Applicable LEL (vol % in air): No data UEL (vol % in air):
Viscosity:	<34cST @ 40°C

10. Stability & Reactivity

Stability:	Stable under normal temperatures and pressure.
Reactivity:	Not chemically reactive.
Chemical Stability:	Stable under normal ambient and anticipated conditions of use.
Possibility of hazardous reactions:	Not anticipated under normal conditions.
Conditions to Avoid:	Extended exposure to high temperatures can cause decomposition.
Incompatible Materials:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Not anticipated under normal conditions.

11. Toxicological Information

Acute Health Effects

Inhalation: May be fatal if enters airways.

Ingestion: Call Poison Control.

Skin Contact: Unlikely to be harmful.

Chronic Health Effects:

Aspiration Hazard: inhalation of mist or spray may be harmful and cause pulmonary edema or aspiration pneumonia. Oil deposits in the lungs may lead to fibrosis and reduced pulmonary function.

Skin: may cause mild irritation.

Eye: causes mild irritation.

No LD50 Data Available

Suspected of Cancer causing: None of the ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL /OSHA and therefore not are considered to be, or suspected to be, cancer-causing agents by these agencies.

Irritancy of the product: This product may be slightly irritating to skin and eyes. SENSITIZATION TO THE PRODUCT: This product is not a sensitizer.

Reproductive toxicity information: No information concerning the effects of this product and its components on the human reproductive system. SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Eye contact – may cause irritation.

12. Ecological Information

Ecological toxicity: No toxicity data available.

Persistence and Degradability: No specific data available on this product.

Bio-accumulative Potential: No specific data available on this product.

Mobility in soil: No specific data available on this product.

13. Disposal Information

Waste disposal: Waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification and safe removal.

14. Transport Information

DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows:

Shipping name: Not Regulated.

Hazard class, number and description: N/A.

UN identification number: N/A.

Packing code/group: N/A.

DOT required label: N/A.

15. Regulatory Information

UNITED STATES REGULATIONS: U.S. SARA REPORTING REQUIREMENTS: The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act. **U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs. (4,540 kg) therefore applies, per 40 CFR 370.20. **U.S. CERCLA REPORTABLE QUANTITY (RQ):** None **U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing. **OTHER U.S. FEDERAL REGULATIONS:** None

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.

Clean Air Act Section 602 Class I Substances: Not listed.

Clean Air Act Section 602 Class II Substances: Not listed.

DEA List I Chemicals (Precursor Chemicals): Not listed.

DEA List II Chemicals (Essential Chemicals): Not listed.

16. Additional Information

Disclaimer of Expressed and implied Warranties: *The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.*

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Revised 10-2019