



NAPCO CHEMICAL COMPANY

Safety Data Sheet Napco White Mineral Oil

SECTION 1: Identification

1.1 Product identifier

Product name Napco White Mineral Oil

1.2 Other means of identification

White Mineral Oil, petroleum

1.4 Supplier's details

Name NAPCO Chemical Company
Address 2830 Spring Cypress Rd
Spring, Tx 77383
United States

Telephone 281-651-6800
Fax 281-651-6868

1.5 Emergency phone number(s)

ChemTel 1(800)255-3924

SECTION 2: Hazard identification

General hazard statement

No known significant effects or critical hazards.

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients

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3.2 Mixtures

Other names / synonyms White mineral oil, petroleum

Hazardous components

1. White mineral oil, petroleum

Concentration 100 %
CAS no. 8042-47-5

2. d-alpha-tocopherol

Concentration 0.1 %
CAS no. 59-02-9

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled Vaporization is not expected at ambient temperatures. This material is not expected to cause inhalation-related disorders under anticipated conditions of use. In case of overexposure, move to fresh air.

In case of skin contact If burned by hot material, cool skin by quenching with large amounts of cool water. For contact with product at ambient temperatures, remove contaminated shoes and clothing. Wipe off excess material. Wash exposed skin with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists. Thoroughly clean contaminated clothing before reuse. Clean or discard contaminated leather goods. If material is injected under the skin, seek medical attention immediately.

In case of eye contact Check for and remove contact lenses. Flush eyes with cool, clean, low-pressure water while occasionally lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.

If swallowed Do not induce vomiting unless directed to by a physician. Do not give anything to drink unless directed to by a physician. Never give anything by mouth to a person who is not fully conscious. If significant amounts are swallowed or irritation or discomfort occurs, seek medical attention immediately.

Personal protective equipment for first-aid responders
No action should be taken involving any personal risk or without suitable training.

4.2 Most important symptoms/effects, acute and delayed

Skin: In the event of injection in underlying tissue, immediate treatment should include extensive incision, debridement and saline irrigation. Inadequate treatment can result in ischemia and gangrene. Early symptoms may be minimal.

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Ingestion: The viscosity range of the product(s) represented by this SDS is greater than 100 SUS at 100F. Careful gastric lavage may be considered to evacuate large quantities of material.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use dry chemical, foam, carbon dioxide or water fog. Water or foam may cause frothing. Carbon dioxide and inert gas can displace oxygen. Use caution when applying carbon dioxide or inert gas in confined spaces.

5.2 Specific hazards arising from the chemical

This material can burn but will not readily ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.

5.3 Special protective actions for fire-fighters

Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Use personal protective equipment. Evacuate personnel to safe areas. Do not touch or walk through spilled material. For personal protection see section 8.

6.2 Environmental precautions

Avoid discharge into drains, sewers, water courses or onto the ground.

6.3 Methods and materials for containment and cleaning up

Prevent entry into waterways, sewer, basements or confined areas. **SMALL SPILLS:** Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. **LARGE SPILLS:** Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

Reference to other sections

Never return spills to original containers for re-use. For waste disposal see section 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not get in eyes, on skin, or on clothing. When using, do not eat, drink or smoke. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers closed and do not handle or store near heat, sparks, or any other potential ignition sources. Avoid contact with oxidizing agents. Never siphon by mouth. Avoid contamination and extreme temperatures. Do not pressurize, cut, weld, braze solder, drill, grind or expose containers to flames, sparks, heat or other potential ignition sources. Protect containers from any physical damage.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. Wear goggles if splashing or spraying is anticipated. Wear goggles and face shield if material is heated above 125 F (51 C). Have suitable eye wash water available.

Skin protection

Gloves are not required for incidental contact. Use gloves constructed of chemical resistant materials such as heavy nitrile rubber if frequent or prolonged contact is expected. Use clean protective clothing if splashing or spraying conditions are present. Protective clothing may include long-sleeve outer garment, apron, or lab coat. If significant contact occurs, remove oil-contaminated clothing as soon as possible and promptly shower.

Body protection

Protective clothing may include long-sleeve outer garment, apron, or lab coat. If significant contact occurs, remove oil-contaminated clothing as soon as possible and promptly shower. Launder contaminated clothing before reuse or discard.

Respiratory protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH approved respirator with organic vapor cartridge with a dust/mist prefilter. Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134).

Thermal hazards

Wear heat protective boots and protective clothing when handling product at elevated temperatures.

Environmental exposure controls

Use good personal hygiene practices. Wash hands and other exposed skin areas with plenty of mild soap and water before eating, drinking, smoking, use of toilet facilities, or leaving work. DO NOT use gasoline, kerosene, solvents, or harsh abrasives as skin cleaners. Specific exposure standards/control limits have not been established for this product.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Colorless/Liquid
Odor	Odorless
Odor threshold	Not applicable.
pH	Not applicable.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.

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Flash point	Open cup: 218 C (424 F) (Cleveland).
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability limits	Not available.
Upper/lower explosive limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	7.18 Lbs/gal.
Solubility(ies)	Negligible solubility in cold water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	(ASTME D287) = 32.7 @ 60 F.
Explosive properties	Not available.
Oxidizing properties	Not oxidizing.

Other safety information

This oil meets FDA and USP standards for solid paraffins, sulfur compounds, taste, odor and neutrality.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable.

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Keep away from extreme heat, sparks, open flame, and strongly oxidizing conditions.

10.5 Incompatible materials

Strong oxidizers.

10.6 Hazardous decomposition products

No additional hazardous decomposition products were identified other than the combustion products identified in Section 5 of this SDS.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

None known.

Skin corrosion/irritation

None known.

Serious eye damage/irritation

Not under normal conditions.

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Respiratory or skin sensitization

Not a respiratory sensitizer. This product is not expected to cause skin sensitization.

Germ cell mutagenicity

No data available.

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Summary of evaluation of the CMR properties

This product is not expected to contribute to any of these properties.

STOT-single exposure

None known.

STOT-repeated exposure

None known.

Aspiration hazard

Not an aspiration hazard.

SECTION 12: Ecological information

Toxicity

Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum products can be harmful or fatal to aquatic life and waterfowl.

Persistence and degradability

Inherently biodegradable in aerobic conditions.

Bioaccumulative potential

No data is available.

Mobility in soil

No data is available.

Results of PBT and vPvB assessment

No data is available.

Other adverse effects

Petroleum-based (mineral) lubricating oils normally will float on water. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway may be sufficient to cause a fish kill or create an anaerobic environment.

SECTION 13: Disposal considerations

Disposal of the product

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Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of contaminated packaging

Do not attempt to clean it. Empty drums and pails should be drained completely, properly bunged or sealed, and promptly sent to a reconditioner.

Waste treatment

Dispose of contents/container in accordance with local regulations.

Sewage disposal

Do not allow.

Other disposal recommendations

Hazard characteristics and regulatory waste stream classifications can change with product use. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition.

SECTION 14: Transport information

DOT (US)

UN Number: Not regulated.

Class: Not regulated.

Packing Group: Not applicable.

Proper Shipping Name: Not regulated.

Reportable quantity (RQ): Has not been established for this material.

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment

Certified in the Miscellaneous Chemical Products category for use as a maintenance lubricant for potable water systems under NSF/ANSI standard 60: Drinking Water Treatment Chemicals - Health Effects, and NSF/ANSI Standard 61: Drinking Water System Components.

HMIS Rating

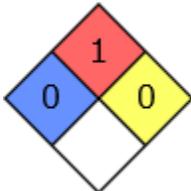
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HEALTH	0

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FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. NAPCO CHEMICAL COMPANY, INC. DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. NAPCO CHEMICAL COMPANY, INC. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of NAPCO Chemical Company, Inc., and shall be the sole responsibility of the holder or user of the product.