

Material Safety Data Sheet

Medicinal White Oil 68

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Product code: 248009

Issue: 1

Date: Sept. 26, 2016

Replaces the issue of: New

PRODUCT LABELS

LABELLING (standard or EU): Not applicable

TRANSPORT LABELLING: Not applicable

1. Product and company identification

Commercial name: ENOC Medicinal White Oil 68

Product application: Mineral Oil – USP / Liquid Paraffin – EP / BP

Company name: ENOC Lubricants

Address: ENOC Marketing LLC
P.O. Box 6442, Dubai, U.A.E.

Emergency number of the company:
Telephone: +9714-3374400

Fax number: +9714-3134616

2. Composition / information on ingredients

PREPARATION

Reportable Hazardous Substance(s) or Complex Substance(s)

Name	CAS NUMBER	Amount by % weight
White Mineral oil	8042-47-5	100 % weight

Substances contributing to hazards: None to our knowledge

Impurities contributing to hazards: None to our knowledge

3. Hazard identification

Primary Entry Route Skin

Inhalation Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea. Target Organ for mineral oil mist is lungs.

Eye Eye contact may result in slight irritation and redness

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Skin	Short term contact with skin is unlikely to cause any problems; excessive or prolonged and repeated contact and poor hygiene conditions many result in dryness, dermatitis, oil acne, cracking and defatting of the skin. Personnel with pre-existing skin disorders should avoid contact with this product.
Carcinogenicity	Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets EU requirement of less than 1 % (w/w) DMSO extract for total polycyclic compound (PAC) using IP-346 NTP and OSHA do not list this product as a potential carcinogen.
Ingestion	May result in nausea or stomach discomfort.

4. First-aid measures

IN CASE OF SERIOUS MANIFESTATIONS, CALL IN A DOCTOR OR EMERGENCY MEDICAL CARE

Route of exposure

Inhalation	Move exposed person to fresh air. Inhalation of vapours and/or mists. might irritate respiratory tract. Get medical attention if symptoms occur.
Contact with the skin	Remove contaminated clothing and shoes. Wash contaminated skin; with soap and water. Get medical attention if symptoms occur.
Contact with the eyes	Check for and remove any contact lenses immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Seek medical attention if irritation persists.
Ingestion	Wash out mouth with water. Do not induce vomiting. Get medical attention if symptoms occur.
Protection of first-aides	No action shall be taken involving any personal risk or without suitable training.

5. Fire-fighting measures

Flash point:	See heading 9
Fire extinguishers	
suitable	Foam, carbon dioxide (CO ₂), powder
not suitable	do not use water jets (stick jets) for extinguishing fire since they could help to spread the flames.
Special protective: equipment for fire-fighters	Fire-fighter should wear appropriate protective equipment and self - contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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6. Accidental release measures

Personal precautions:	No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protection equipment (see section 8)
Environmental precautions	Prevent entry into sewers, water courses, basements or confined areas. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Small spill	Smaller spillage can be wiped up with paper cloths.
Large spill	Stop leak if without risk. Contain and collect spillage with non- combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. (see section 13).

7. Handling and storage

HANDLING	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Do not ingest. Wash hands after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. If handled at elevated temperatures or with high speed mechanicals equipment, vapour or mists might be released and require a well ventilated workplace.
STORAGE	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink.

8. Exposure controls / personal protection

Recommended monitoring procedures	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Occupational exposure controls	Mechanical ventilation and local exhaust will reduce exposure via the air. Use oil resistant material in construction of handling equipment. Store under recommended conditions and if heated, temperature control equipment should be used to avoid overheating.
Hygiene measures Respiratory protection	Handle in accordance with good industrial hygiene and safety practices If the product is heated under manual handling, use suitable mask with filter A1P2 or A2P2. Handling in automatic production lines, with exhaust or ventilation, will not require mask.

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Personal protective equipment

Hand protection: Wear oil-resistant protective gloves (e.g. nitril rubber), neoprene PVC.

Eye protection: If potential exists for splashing, use goggles.

Skin and body different hand protection: Wear protection clothing if there is a risk of skin contact. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Appearance

Physical state: Clear liquid

Colour: Water White

Odour: Odouless

pH: Not applicable

Specific temperatures: of change in state

Flash point: ≥ 200 °C (ISO 2592)

Auto-ignition temperature: > 300 °C (ASTM E 659)
This temperature may be significantly lower under particular conditions (oxidation on high surface areas)

Explosion limits: Not applicable

Density: About 0.845 to 0.890 g/mL at 15°C

Solubility

in water: Insoluble and immiscible

in organic solvents: Soluble in many common solvents

Viscosity: Kinematic viscosity at 40 °C: about 61.4 to 74.80 mm²/s

Log P n-octanol / water at 20°C: mineral oil > 6

10. Stability and reactivity

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Oxidising agent

Hazardous decomposition: This may result in the evolution of harmful and flammable gases or vapours.

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Material to avoid	No specific data.
Hazardous decomposition product	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute toxicity	Low acute toxicity
Ingestion	Ingestion may cause nausea and eventually vomiting and diarrhea.
Inhalation	Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.
Skin	Repeated exposure may cause skin dryness or cracking.
Eye	Eye contact may redness and transient pain.
Potential chronic health effects Chronic effects	Inhalation of oil mist or vapours at elevated temperatures may cause respiratory.

12. Ecological information

Eco-toxicity	Aquatic toxicity data on base oils indicates LC50 values of >1000mg/l, which is considered as low toxicity.
Mobility	Low mobility due to low water solubility and high viscosity.
Persistence/degradability	Inherently biodegradable.
Bioaccumulative potential	Model suggest that petroleum oils may bioaccumulate but the bioavailability limitations may reduce this potential. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.
Other adverse effects	Spills may form a film on water surfaces.

13. Disposal considerations

Methods of disposal	The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and by-products should at all times comply with the requirements of environmental protection
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and waste disposal legislation and any regional local authority requirements.

14. Transport information

International transport regulations

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

15. Regulatory information

EUROPEAN REGULATIONS:

EC labeling	232-455-8
Risk Phrases (EU Classification)	None
Symbols (EU Classification)	None
Safety Phrases (EU Classification)	None

16. Other information

Hazard Rating	NFPA/HMIS Classification
0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Health = 0 Fire = 1 Reactivity = 0

Date of current version: Sept.26, 2016

Supersedes previous Safety Data Sheet of: New

"This Safety Data Sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of our knowledge at the date indicated here above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein, in no way dispenses the user from knowing and applying all provisions regulating his or her activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfill his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned."

End of document.

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