



Eurovacuum

EV-Mineral Oil-100 (Mechanical Vacuum Pump Oil) Material Safety Data Sheet

Rev: 31-07-2009

1. Identification Of The Substance.

Product Name: EV-Mineral Oil-100 (Mechanical vacuum pump oil).

2. Composition / Information On Ingredients.

Composition: Highly Refined Mineral Oil..

3. Hazards Identification.

Most Important Hazards: This substance is not classified as dangerous according to Directive 67/548/EEC as amended and adapted.

Specific Hazards: None

4. First Aid Measures

General Advice: None

Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, obtain medical advice.

Skin Contact: Wash off with Soap and Water. Remove grossly contaminated clothing and wash it before re use.

Eye Contact: Rinse with copious amounts of water for minimum 15 minutes. In the event of persistent irritation, Consult Doctor.

Ingestion: Rinse mouth. Do not induce vomiting without first seeking medical advice.

Medical Advice: If aspiration occurs, even if it is unlikely, transport casualty immediately to hospital.

5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, Dry powder, Dry chemical.

Hazardous decomposition products: These products are carbon oxides (CO, CO2).

Protection of firefighters: Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

6. Accidental Release Measures

Personal Precautions: Use personal protective equipment and clothing.

Environmental Precautions: Do not discharge or wash product into drainage system. Protect drains from potential spills, use suitable barrier equipment to minimise contamination.

Methods For Cleaning Up: Use suitable absorbent material to absorb oil and dispose in accordance with government and/or state regulations.

7. Handling And Storage

Handling:

Technical Measures/Precautions: Avoid oil mist, ensure appropriate ventilation.

Safe Handling Advice: Avoid contact with eyes and skin. Change contaminated clothing.

Storage:

Technical Measures / Storage Conditions: Keep container closed and away from potential heat sources.

Incompatible Products: Do not store together with flammable products or strong oxidising agents.

Packing Material: Glass, Metal or Polythene container.

8. Exposure Controls/ Personal Protection

Engineering measures: Appropriate ventilation only, if oil mist is generated (under normal conditions not encountered).

Personal protection equipment:

Eye protection: Safety glasses, only if risk of splashes.

Hand protection: None required, however use of gloves in good industrial practice.

Hygiene measures: Wash hands before breaks and immediately after handling.

9. Physical And Chemical Properties

Form: Liquid

Colour: Light Amber

Odour: Oily

Flash Point: Open cup > 225 °C.

Relative density: (15 °C) 0.887g/ml

Solubility: Water Solubility: Insoluble

Viscosity: Kinematic 95 mm²/s (95 cSt) at 40 °C

10. Stability And Reactivity

Stability: Under normal conditions stable.

Materials To Avoid: Reactive with oxidising agents.

Hazardous polymerisation: Will not occur.

11. Toxicological Information

Eye Contact: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Skin Contact: Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.

Inhalation: At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.

Congestion: Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.

12. Ecological Information

Mobility: Product may penetrate the soil and cause contamination of ground water.

Persistence degradability: Inherently biodegradable.

Environmental hazards: Unlikely to be harmful to aquatic organisms.

Bio accumulative Potential: This product is not expected to bioaccumulate through food chains in the environment.

Other ecological information: Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

13. Disposal Considerations

Waste From Residues / Unused Products: According to local government and/ or state waste regulations. (By controlled incineration).

Contaminated Packaging: Dispose of product and container carefully and responsibly.

14. Transport Information

This product is classified as non Hazardous in respect to Transport by Land, Sea, Air.

Packing Group: None

Not classified as hazardous for transport (ADR, RID, UN, IMO, IATA/ICAO)

15. Regulatory Information

Not classified as hazardous for supply. The product is a preparation, included components are listed substances.

16. Other Information

This data sheet should be passed to the person responsible in those departments within your company, where products are used or stored.

Eurovacuum B.V. strives to provide information which is as error free as possible and in good faith. Customers are advised to conduct adequate research and ensure that their local health and safety (MSDS) requirements are met before use.

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