



Eurovacuum

EV-Highvacuum Oil-60 (Mechanical Vacuum Pump Oil) Safety Data Sheet

Rev: 14-01-2025

1. Identification of the substance.

Product Name: EV-Highvacuum Oil-60 (Mechanical vacuum pump oil).
Typical use: Rotary vane oil lubricated vacuum pumps EV-pumps an Roots booster vacuum pumps EVR-series.
Supplier of safety data sheet:

- Eurovacuum B.V.
Oostpolderweg 7
2841 DA Moordrecht
The Netherlands

Emergency contact information: Tel. +31(0)854890993 (office hours) or info@eurovacuum.eu

2. Hazards identification.

Hazards identification / classification: Not considered harmful to human health.
Do not swallow. Not classed as harmful to aquatic life.
Label elements: Not classified.
Other hazards: Not classified.

3. Composition / Information on ingredients.

Composition: Mineral oil.

4. First aid measures

General advice: No specific recommendations. Inhalation – move person to fresh air if vapours or decomposition products are inhaled. If symptoms persist seek medical advice. Skin contact – wash off with soap and water. Eye contact – rinse with copious amounts of water. Consult doctor if there is any persistent irritation. Ingestion – rinse mouth. Do not induce vomiting without consulting a doctor first

5. Firefighting measures

Suitable extinguishing media. Foam. Dry powder, dry chemical. DO NOT USE WATER.
Special hazards - Combustion or thermal decomposition may liberate carbon oxides or toxic vapours.
Advice for firefighters – breathing apparatus is advise. Hot containers should be cooled.

6. Accidental release measures

Personal precautions. - use personal protective equipment and clothing.
Environmental precautions. Do not wash or discharge product into the drainage system. Protect drainage system from spills. Use a suitable barrier to prevent contamination.
Methods for cleaning up. Use an absorbent material and dispose of according to local or state regulations.
Reference to other sections. See section 8 for personal protection.

7. Handling and storage

Handling:
Precautions and safe handling advice – Avoid oil mist, use proper ventilation. Avoid contact with skin and eyes. Change contaminated clothing.

Storage:

Technical measures and storage conditions. Keep container closed and away from potential heat sources. Do not store with flammable products or strong oxidising agents.
Packing material – glass, metal or polythene container.

8. Exposure controls/ Personal protection

Control parameters – no exposure limits are known.
Exposure controls. If oil mist is present, use suitable ventilation. Impervious hand gloves should be used for extended exposure. Wash hands before eating and after handling.

9. Physical and chemical properties

Form: Liquid of medium viscosity
Colour: Water white or slight tint
Odour: None
pH: Neutral
Flash Point: > 230 °C.
Auto Ignition Temperature: > 250 °C
Explosive Properties: On aerosolization or under thermal load.
Density: approx 0.865 at room temp
Water solubility: Not soluble
Critical temperature: Not known

10. Stability and reactivity

Reactivity – none associated with this product.
Stability – stable under normal conditions.
Possibility of hazardous reactions – none.
Conditions to avoid. Excessive heat and sparks.
Materials to avoid – strong oxidising materials.
Hazardous decomposition products. May produce carbon oxides or aldehydes.

11. Toxicological information

Acute toxicity – oral.
Acute toxicity – oral (LdSG mg/kg): 5,000 rat.

12. Ecological Information

Toxicity – not classed as toxic to fish.
Persistence and degradability – This product is persistent. Not soluble in water.
Bioaccumulative potential – not known, but low.
Mobility in soil – biodegradable.
Results of PBT and VpVB assessment – not classed as either.
Other adverse effects – none known.

13. Disposal Considerations

Waste from residues or unused product – Consult local regulations. Most states prefer controlled incineration, and forbid discharge into drainage systems.
Contaminated packaging should be disposed of responsibly according to local regulations.

14. Transport Information

This product is classified as non-hazardous in respect to transport by land, sea, air.
UN Number: none.
Transport hazard class – none.
Packing Group: not applicable
Environmental hazards, not classed as a marine pollutant.
Special precautions for the user – none.
Bulk transport considerations – not applicable.

15. Regulatory Information

Not classed as hazardous to supply. REACH exempt, contains nothing of concern within current REACH listings.
Chemical safety assessment. None taken.

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. The end user is advised to carry out final use suitability and safety tests before usage, since end-use may vary.

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