

Material Safety Data sheet

Product	Appearance	CAS Number
Lubricant / Engine Oil	Clear to Amber Liquid	8042-47-5 9003-29-6

SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Trade Name : Lubricants / Engine Oil
Chemical Family : Petroleum-based Lubricant
Recommended use : High-performance engine lubricant for internal combustion

SECTION 2 : DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET



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SECTION 3 : HAZARDS IDENTIFICATION

Emergency Overview : This material is solid at ambient temperature and exhibits softening (melting) characteristics at elevated temperatures. At elevated temperatures well above the softening point, the generation of hydrocarbon vapours may be expected.

Warning : When handling at elevated temperature, wear protective gloves and other PPE to protect against thermal burns. Spills may create a slipping hazard.

Precautionary Statements

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.
- Dispose of contents/container according to national regulations and local authorities' advice.
- Other hazards
- Combustible liquid. Oil mist may irritate the eyes and the respiratory tract.

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- Risk of soil and ground water contamination.

SECTION 4 : COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name of the substance : Mineral Oil (Base Oil) 80-90&

Percentage : 70-90%

Additives : Various performance-enhancing additives such as detergents, dispersants, anti-wear agents, etc.

Other Information : Contains proprietary additives to enhance lubrication, wear protection, and performance.

SECTION 5 : FIRST AID MEASURES

Description of first aid measures

Inhalation : First aid is not normally required for the solid material; however, if molten material is swallowed, seek immediate medical attention.

Skin contact : For contact with molten material on skin and flush or immerse affected areas, using cold water. Seek medical attention.

Eye contact : Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Ingestion : First aid is not normally required for the solid material; however, if molten material is swallowed, seek immediate medical attention.

SECTION 6 : FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media (Dry powder, carbon dioxide. Sand). Heavy foam and water fog for professional fire-fighters.

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Fire-fighting Instruction

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient state. Isolate danger area, keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Move undamaged containers from danger area if it can be done with minimal risk. With water, cool equipment exposed to fire if it can be done with minimal risk.

SECTION 7 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Eliminate fire risk by keeping ignition sources out of the area. Evacuate people upwind from the spill area. Wear adequate protective equipment at all operations.

Environmental precautions

Try to restrict the release and prevent spread of the product into the environment. Collect liquid before it spreads into drains, the ground and waters. In case of spill, immediately contact local authorities. Risk of soil and ground water contamination.

Methods and materials for containment and cleaning up

Immediately start clean-up of the liquid and contaminated soil. Small amounts can be collected using absorbent material. Pay attention to the fire and health hazards caused by the product.

SECTION 8 : HANDLING AND STORAGE

Precautions for Safe Handling

- Avoid prolonged skin contact.
- Handle in a well-ventilated area.
- Keep away from heat, sparks, and open flames.

Conditions for Safe Storage, including any incompatibilities

- Store in a cool, dry place away from incompatible materials.
- Keep container tightly closed when not in use.

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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	:	Clear to amber liquid
Odor	:	Characteristic petroleum Odor
Pour Point	:	>-20°C
Flash point	:	Min. 200°C
Specific Gravity	:	> 0.830

SECTION 10 : STABILITY AND REACTIVITY

- **Reactivity** : Stable under normal conditions of use and storage.
- **Chemical stability** : Stable at ambient temperature and pressure.
- **Possibility of hazardous reactions** : None under normal conditions.
- **Conditions to avoid** : High temperatures, open flames.
- **Incompatible materials** : Strong oxidizing agents.
- **Hazardous decomposition products** : Carbon monoxide, carbon dioxide, and other toxic fumes.

SECTION 11 : DISPOSAL CONSIDERATIONS

- **Disposal Recommendations** : Dispose of in accordance with local, regional, or national regulations.
- **Regulatory Disposal Information** : Dispose of waste oil in a certified collection centre.
- **Empty Container Warning** : Containers should be emptied completely before disposal. May still contain harmful residues.

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SECTION 12 : TRANSPORT INFORMATION

UN Number	:	Not applicable
Road (ADR) / Rail (RID)/ River (ADNR)	:	Classified as a flammable liquid
Marine (IMO-IMDG)	:	Classified as a flammable liquid
Airline (ICAO / IATA)	:	Classified as a flammable liquid

SECTION 13 : OTHER INFORMATION

This product is supplied on the understanding that it will be used in the manner and for the purpose(s) specified in the product data sheet, the user having taken all precaution stimulated. Failure to follow such direction may adversely affect any rights that the user might have against the company. Before application other than as directed, advice must be obtained from the company.

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MSDS Preparation

Sources Used	:	M.S.D.S. of product Components and similar products.
Prepared By	:	Product safety & Quality control department.
Last Revised Date	:	January 20, 2025
