



1. Identification of the substance/preparation and company/undertaking

1.1 Identification of the substance or preparation

Product name Energol DL-MP 40

SDS no. 401682

1.2 Use of the substance/preparation Diesel engine oil.
For specific application advice see appropriate Technical Data Sheet or consult our company representative.

1.3 Company/undertaking identification

Supplier BP Petrolleri A.Ş.
Sarı Kanarya Sokak No:14 K2 Plaza
34742 Kozyatağı, İstanbul
TÜRKİYE

E-mail address MSDSadvice@bp.com

1.4 Emergency telephone number

EMERGENCY TELEPHONE NUMBER Carechem: +44 (0) 1235 239 670 (24 hours)

2. Composition/information on ingredients

Substance/preparation

Highly refined mineral oil (IP 346 DMSO extract < 3%). Proprietary performance additives.

This product does not contain any hazardous ingredients at or above regulated thresholds.

3. Hazards identification

This preparation is not classified as dangerous according to Directive 1999/45/EC as amended and adapted.

See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

4. First-aid measures

Eye contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.

Notes to physician Treatment should in general be symptomatic and directed to relieving any effects.

5. Fire-fighting measures

Extinguishing media

Suitable In case of fire, use water fog, foam, dry chemical or carbon dioxide extinguisher or spray.

Not suitable Do not use water jet.

Hazardous decomposition products Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Unusual fire/explosion hazards This material is not explosive as defined by established regulatory criteria.

Special fire-fighting procedures None identified.

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

Conforms to the regulation on preparation and distribution of safety data sheets on hazardous materials and preparations 26.12.2008 – 27092.

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6 . Accidental release measures

Personal precautions	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see section 8).
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7 . Handling and storage

7.1 Handling	Wash thoroughly after handling. Avoid strong oxidisers.
7.2 Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.
7.3 Specific uses	For specific application advice see appropriate Technical Data Sheet or consult our company representative.

8 . Exposure controls/personal protection

8.1 Occupational exposure limits	This product does not have any assigned OELs.
8.2 Exposure controls	
8.2.1 Occupational exposure controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
8.2.1.1 Respiratory protection	None required. However, use of adequate ventilation is good industrial practice.
8.2.1.2 Hand protection	None required; however, use of gloves is good industrial practice.
8.2.1.3 Eye protection	Safety glasses with side shields.
8.2.1.4 Skin protection	None required; however, use of protective clothing is good industrial practice.
8.2.2 Environmental exposure controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

9 . Physical and chemical properties

9.1 General information	
9.1.1 Appearance	
Physical state	Liquid.
Colour	Amber.
9.1.2 Odour	Oily.
9.2 Important health, safety and environmental information	
Flash point	Closed cup: 225°C (437°F) [Pensky-Martens.]
Viscosity	Kinematic: 138 mm ² /s (138 cSt) at 40°C Kinematic: 14 mm ² /s (14 cSt) at 100°C
Pour point	-12 °C
Density	895 kg/m ³ (0.895 g/cm ³) at 15°C
Partition coefficient (LogKow)	>3
9.3 Other information	Not available.

10 . Stability and reactivity

Stability	The product is stable.
10.1 Conditions to avoid	No specific data.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.2 Materials to avoid	Reactive or incompatible with the following materials: oxidizing materials.

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10.3 Hazardous decomposition products

Combustion products may include the following:
carbon oxides

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 . Toxicological information

Acute toxicity

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

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

USED ENGINE OILS

Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.

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

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.

Chronic toxicity

Chronic effects

No known significant effects or critical hazards.

Effects and symptoms

Eyes

No significant health hazards identified.

Skin

No significant health hazards identified.

USED ENGINE OILS

Used engine oil may contain hazardous components which have the potential to cause skin cancer. See Toxicological Information, section 11 of this Safety Data Sheet.

Inhalation

No significant health hazards identified.

Ingestion

No significant health hazards identified.

12 . Ecological information

12.1 Ecotoxicity

Environmental hazards

Not classified as dangerous.

12.2 Mobility

Spillages may penetrate the soil causing ground water contamination.

12.3 Persistence/degradability

Inherently biodegradable

12.4 Bioaccumulative potential

This product is not expected to bioaccumulate through food chains in the environment.

12.5 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

Disposal considerations / Waste information

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 any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Refer to all national, regional, and local regulations for disposal requirements

14 . Transport information

International transport regulations

Not determined.

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15 . Regulatory information

Classification and labelling have been performed according to EU directive 1999/45/EC as amended and adapted and Regulation on classification, packaging and labelling of Hazardous materials and preparations (26.12.2008-27092).

Label requirements

Risk phrases	This product is not classified according to EU legislation.
Other regulations	
Europe inventory	All components are listed or exempted.
United States inventory (TSCA 8b)	Not determined.
Australia inventory (AICS)	Not determined.
Canada inventory	Not determined.
China inventory (IECSC)	All components are listed or exempted.
Japan inventory (ENCS)	Not determined.
Korea inventory (KECI)	All components are listed or exempted.
Philippines inventory (PICCS)	Not determined.

16 . Other information

History

Date of issue/ Date of revision	01/12/2009.
Date of previous issue	No previous validation
Prepared by	Product Stewardship
Notice to reader	

☑ Indicates information that has changed from previously issued version.

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.

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