



Trade name :

OMV ECO TRUCK SAE 10W-40

1GAHDO2, PdNr. 167810, KaNr.

Version: 3.1

Safety Data Sheet

according to 91/155/EEG und 93/112/EEG

Revision Date: 09.06.2005

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

Producer	:	OMV Refining & Marketing GmbH Lassallestraße 3 1020 Vienna, Austria
Telephone	:	+43 (0) 810 240 282
Emergency telephone number	:	+43 (0) 664 91 08 787
Determining Use	:	Engine oil

2. Composition/information on ingredients

Chemical characterization

Processed in accordance with the Chemical Act. Hydrocarbon mix, contains low quantities of zincdithiophosphate

Components ⁽¹⁾ : Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts				
CAS-No.	EC-No.	Symbol(s)	R-phrase(s)	Concentration [%]
68649-42-3	272-028-3	N, Xi	R38; R41; R51/53	<= 1,49

¹⁾ No product specification / max. possible mass percentages

3. Hazards identification

s. chapt. 11, 12, 15.

4. First aid measures

Inhalation: Due to the low volatility of the lubricating oils, no hazardous vapour concentrations can be created. Danger of inhalation only when oil mists have formed. Only higher product temperatures and insufficient ventilation can cause dangerous vapour concentrations.

Eye contact / Skin contact: No adverse effects for skin or mucous membranes should be expected. Slight irritation when in contact with mucous membranes cannot be ruled out. Prolonged and repeated contact with skin can cause irritation or bring about inflammatory changes (dermatitis).

Ingestion: Due to low oral toxicity the product represents no health hazard.

Intake into the Lungs: Due to the high viscosity of the product, there is only a small risk of pneumonia in case of aspiration.

Notes to physician

Treatment: In case of inhalation of mist or aspiration, danger of chemopneumonia. Prophylaxis with dexamethasone - or budesonide aerosol.

5. Fire-fighting measures

Suitable extinguishing media	:	foam, extinguishing powder, CO2
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Unsuitable extinguishing agents	:	no information
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6. Accidental release measures

Additional advice: Approach from wind direction (observe change in wind direction). Determine hazardous area and seal off. Seal leak. Prevent from entering sewage system, water bodies and ground. Ladle out, repump, use suction or absorb with absorbable material such as sand, soiler oil-binding agents. Take to approved waste site or have product incinerated in accordance with official regulations.

7. Handling and storage

Handling

Advice on safe handling: Ensure good ventilation/extraction at work place and in storage room. Keep container tightly sealed. Floor must be solvent-resistant and water-tight. Earth equipment. Carry out electrical installations in accordance with the legal regulations. Heavily soiled or contaminated working clothes should be changed immediately. Store private clothing away from work clothes and work area. Eating, drinking and the storage of food in the work area is prohibited. Smoking forbidden.

8. Exposure controls / personal protection

Personal protective equipment

Respiratory protection	:	---
Hand protection	:	Protecting gloves. The gloves material must be impermeable and resistant to the product / the substance / the preparation. For the selection of the gloves the data of the gloves manufacturer concerning the suitability of the material, the permeability time, and other quality characteristics are to be observed and respected.
Eye protection	:	In case of possible eye contact, use goggles
Skin and body protection	:	In case of possible skin contact, use protective suit

9. Physical and chemical properties

Appearance

Form	:	liquid
Colour	:	brown
Odour	:	mild

Safety data

	Values	Method	Note
pH			not determined
Pour Point	< -30 °C	ISO 3016	

Flash point	> 220 °C	ISO 2592	
Ignition temperature			not determined
Lower explosion limit			not determined
Upper explosion limit			not determined
Vapour pressure			not determined
Density	869 kg/m ³ at 20 °C	DIN 51 757	
Water solubility	< 0,01 g/l at 20 °C		
Viscosity, kinematic	14,0 mm ² /s at 100 °C	ISO 3104	

10. Stability and reactivity

Hazardous decomposition products	:	not determined
Thermal decomposition	:	not determined
Hazardous reactions	:	not determined

11. Toxicological information

Acute oral toxicity	:	LD50 rat Dose: 5.000 - 15.000 mg/kg
Acute inhalation toxicity	:	no information
Acute dermal toxicity	:	LD50 rat Dose: > 15.000 mg/kg

12. Ecological information

Ecotoxicity effects

Further information on ecology

Additional ecological information	:	Do not discharge liquid hydrocarbons into sewer system, water bodies and prevent from entering the ground. In case of accidents call oil-fighting team.
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13. Disposal considerations

Product: ÖNORM S 2100, key code group 54	
Waste code acc. to the EWC when used as prescribed:	
Waste from residues:	13 02 05 (unchlorinated machinery, gear system, and lubricating oils on the basis of mineral oil)

14. Transport information

Acc. to ADR/RID/AND no hazardous materials

15. Regulatory information

Labelling according to EEC Directive

Sensitizing agent	:	1,3,4-thiadiazolidine-2,5-dithion subst. May produce an allergic reaction.
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16. Other information

Further information

R-phrases(s):

R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The provided information refers to the product in question (PdNo.); however, it is no longer applicable if the product is used with other materials or in a manufacturing process. The user must ensure that all information is suitable and complete for the relevant application at the time stated. The information corresponds to our knowledge and experience at the stated time or at the time when the product was introduced.

Markings (!) in the left border indicate changes in the previous main version.