

OLAR PENTA SAE 50 MONOGRADE SF/CD**1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name OLAR PENTA SAE 50 MONOGRADE SF/CD

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Motor oil monograde

1.3. Details of the supplier of the safety data sheet

Company name Rchemie International Kimya San. Ve Tic. Ltd. Şti.

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2. Hazards Identification**2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The product is not classified according to the CLP regulation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. Contact with skin and inhalation of aerosols/ vapours of the preparation should be avoided. The product is water polluting material and must not reach the ground, into drains into surface water or groundwater

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data

2.2. Label Elements

Label according to Regulation (EC) No. 1272/2008 [CLP]

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Hazard pictograms Void

Signal word Void

Warning

Hazard statements Void

- 2.3. **Other Hazards** The product does not meet the criteria for PBT/vPvB according to Regulation (EC) No. 1907/2006.

3. Composition/information on ingredients

3.1. **Substances**

CAS No. description Not applicable

Identification number(s) Not applicable

- 3.2. **Mixtures** Mixture of substances listed below with nonhazardous additions.

4. First aid measures

4.1. **Description of first aid measures**

Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. **Most important symptoms and effects, both acute and delayed**

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Inhalation	High concentrations of vapours (heated product) or mist may cause mild irritation of the respiratory tract. Headache, dizziness, weakness, cough.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Liquid splash into eyes may cause tearing, moderate irritation at prolonged contact. Lacrimation, pain
Swallowing	Causes gastrointestinal tract irritation, central nervous system disorders, renal and hepatic damage. Headache, dizziness, weakness, vomiting, nausea, diarrhea. In case of severe poisoning: fainting, convulsions.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. The effects might be delayed. After swallowing immediate medical aid is necessary.

5. Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Choose extinguishing media suitable for surrounding fire. Alcohol-resistant foam, dry chemical powder, carbon dioxide (CO₂), water mist.

Unsuitable extinguishing media Water in a jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products The product is stable if stored and handles as prescribed / indicated.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Fight fire from safe distance or protected location. Control run-off water by containing and keeping it out of sewers and watercourses.

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Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Avoid or minimise the creation of any environmental contamination. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

7. Handling and storage

7.1. Precautions for safe handling

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Usage precautions Avoid spilling. Avoid contact with eyes. Keep away from heat, from sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) None

8. Exposure Controls/personal protection
8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

Oilfog and Oilfumes	TLV-8h-TWA	5mg/m ³
	TLV-15min-STEEL	10mg/m ³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. Provide adequate ventilation.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body Wear apron or protective clothing in case of contact.

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protection

Hygiene measures Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated. When using do not drink or smoke. Contaminated clothing should be placed in a closed container for disposal or decontamination.

Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

8.3. Environmental exposure controls Defined as a volatile organic chemical under directive 99/13. No special limits apply.

9. Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

Appearance Liquid.

Flash point 248 °C

Bulk density 0,90 g/cm³ @15°C (ASTM D 4052)

Viscosity 17,00-21,00 mm²/s @ 100°C

9.2. Other information

Other information Not available.

10. Stability and reactivity**10.1. Reactivity**

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical Stability

Stability Stable at normal ambient temperatures and when used as

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recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Reacts with strong oxidising agents

10.4. Conditions to avoid

Conditions to avoid No further relevant information available.

10.5. Incompatible materials

Materials to avoid No further relevant information available

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

68649-42-3 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
Oral: LD₅₀ > 2000 mg/kg (rat)

Skin corrosion/irritation Prolonged skin contact it may cause irritations

Serious eye damage /irritation Not classified

Respiratory or skin sensitisation Not classified

Additional toxicological The product does not have any harmful effects to our experience

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information and the information provided to us.

12. Ecological Information**12.1. Toxicity**

68649-42-3 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
EC50 1 - 1.5 mg/kg (daphnia) (OECD Guide-line 202 part1, Daphnia A.I.T.)

12.2. Persistence and degradability Not available

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Not available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects No information required.

13. Disposal considerations**13.1. Waste treatment methods**

Residual waste Dispose of as hazardous waste. Recover or recycle if possible.
Otherwise incineration. Dispose of in accordance with all local regulations.

Contaminated packaging Drain container thoroughly. After draining, vent in a safe place.
Send to drum recover or metal reclaimer.

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EU waste code Not available.

14. Transport information

- 14.1. General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)
- 14.2. UN Number** Not regulated
- 14.3. UN proper shipping name** Not regulated
- 14.4. Transport hazard class** Not regulated
- 14.5. Packing group** Not regulated
- 14.6. Environmental hazards**
- Environmentally
- hazardous
substance/marine
pollutant No
- 14.7. Special precautions for user** Read safety data sheet
- 14.8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
- Transport in bulk Not applicable.
according to
Annex II of MARPOL 73/78
and the IBC Code

15. Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Labelling according to Void
Regulation

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(EC) No 1272/2008

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional classification
according to Decree on
Hazardous Materials, Annex II

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Substances of very
high concern (SVHC)
according to REACH,
Article 57** Void

15.2. Chemical safety assessment For this product a chemical safety assessment has not been carried out.

16. Other information

Key literature references and sources for data This SDS is prepared based on the information received from the the product raw material.

16.1. Full Text of Hazard and Precautionary Statements**Acronyms**

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG – International Maritime Dangerous Goods.

IATA – International Air Transport Association.

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GHS - Globally Harmonised System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS – Chemical Abstracts Service number.

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.