

SAFETY DATA SHEET

According to Regulation (EU) No. 2015/830

OLAR PENTA 20W50 SL/CF

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

1.1. Product identifier

Product name OLAR PENTA 20W50 SL/CF

Internal identification API SL/CF

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

Identified uses Engine oil

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

Physical hazards Not classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not classified

Classification (67/548/EEC/
or 1999/45/EC) -

2.2. Label Elements

Pictogram



Signal word Warning

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Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/protective clothing/eye protection /face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice /attention.</p>

2.3. Other hazards

3. Composition/information on ingredients

3.2. Mixtures

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	
CAS number: 68649-42-3	EC number: 272-028-3
1-5%	
Classification	
Eye Dam. 1 - H318	
Aquatic Chronic 2 - H411	
ETHYLENEDIAMINE	
CAS number: 107-15-3	EC number: 203-468-6
<1%	
Classification	
Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	
Skin Corr. 1B - H314	
Resp. Sens. 1 - H334	
Skin Sens. 1 - H317	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Eye Dam. 1 - H318	

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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

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

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

Notes for the doctor	No specific recommendations.
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5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ .
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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.
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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.
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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.
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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.
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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

Usage precautions Avoid spilling. Avoid contact with eyes.

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) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits No data available.

ETHYLENEDIAMINE

Long-term exposure limit (8-hour TWA): WEL 10 ppm 25 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



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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 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.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Flash point	226 °C
Bulk density	0,896 g/cm ³ @15°C (ASTM D 4052)
Viscosity	17,50-19,00 mm ² /s @ 100°C

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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 recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

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

Germ cell mutagenicity

Genotoxicity - in vitro Not available.

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Genotoxicity - in vitro	Not available.
Carcinogenicity	
Carcinogenicity	Not available.
Reproductive toxicity	
Reproductive toxicity - fertility	Not available.
Reproductive toxicity - development	Not available.
Specific target organ toxicity - single exposure	
STOT - single exposure	Not available.
Specific target organ toxicity - repeated exposure	
STOT - repeated exposure	Not available.
Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed.
Skin contact	Liquid may irritate skin.
Eye contact	May cause temporary eye irritation.

12. Ecological Information

12.1. Toxicity

Ecotoxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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12.2. Persistence and degradability

Persistence and degradability	There are no data on the degradability of this product.
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12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

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

General information The packaging must be empty (drop-free when inverted).

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Environmental Manager must be informed of all major spillages. Avoid the spillage or runoff entering drains, sewers or watercourses.

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 applicable

14.3. UN proper shipping name Not applicable

14.4. Transport hazard class No transport warning sign required.

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14.5. Packing group Not applicable

14.6. Environmental hazards

Environmentally No
 hazardous
 substance/marine pollutant

14.7. Special precautions Not applicable.
 for user

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

National regulations The Chemicals (Hazard Information and Packaging for Supply)
 Regulations 2009 (SI 2009 No. 716).

Guidance Workplace Exposure Limits EH40.
 CHIP for everyone HSG228.
 Safety Data Sheets for Substances and Preparations.
 Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety No chemical safety assessment has been carried out.
 assessment

16. Other information

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

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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.