

SAFETY DATA SHEET

According to Regulation (EU) No. 2015/830

OLAR PENTA 20W50 SF/CD

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

1.1. Product identifier

Product name OLAR PENTA 20W50 SF/CD

Internal identification API SF/CD

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)

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2.2. Label Elements

Pictogram



Signal word Warning

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

2.3. Other hazards

3. Composition/information on ingredients

3.2. Mixtures

CAS NO	COMPONENT	PERCENT
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This product has no known hazards under applicable laws.

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

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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.
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**

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.

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8. Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits No data available.

ACGIH TLV: TWA:N/A ppm TWA:5 mg/m³ STEL: N/A ppm STEL: 10 mg/m³
 OSHA PEL: TWA:N/A ppm TWA:5 mg/m³ STEL: N/A ppm STEL: NA mg/m³
 NIOSH REL: TWA:5 mg/m³ STEL: N/A ppm STEL: 10 mg/m³

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 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

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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 230 °C

Bulk density 0,894 g/cm³ @15°C (ASTM D 4052)

Viscosity 17,50-19,00 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 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.

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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.

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.

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Ingestion	May cause discomfort if swallowed.
Skin contact	Liquid may irritate skin.
Eye contact	May cause temporary eye irritation.

Component analysis-LD50/LC50

ATE values for product

Inhalation LC50 Rat 40.14 mg/L 1 HR

Oral LD50 Rat >7000 mg/kg

Dermal LD50 Rat >4000 mg/kg

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.
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12.6. Other adverse effects

Other adverse effects	No information required.
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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.
14.5. Packing group	Not applicable
14.6. Environmental hazards	
Environmentally hazardous substance/marine pollutant	No
14.7. Special precautions for user	Not applicable.
14.8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Transport in bulk	Not applicable.

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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 This product doesn't contain any hazardous substances listed under the CERCLA in 40 CFR Part 302, Table 302.4.

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

16. Other information

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

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.