

SAFETY DATA SHEET

According to Regulation (EU) No. 2015/830

OLAR PENTA 5W40 SNCF SYNTHETIC

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

1.1. Product identifier

Product name OLAR PENTA 5W40 SNCF SYNTHETIC
Internal identification API SN / 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.
Address Tepeören İTOSB Mah. 8. Cad. No:10 Tuzla/İstanbul
Tel +90 216 504 61 77
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E-mail www.olarlubricants.com

2. Hazards Identification

2.1. Classification of the substance or mixture

This material is not hazardous according to regulatory guidelines (see (M)SDS Section 15).
None as defined under 29 CFR 1910.1200.

Physical / Chemical hazards No significant hazards.

Health hazards High-pressure injection under skin may cause serious damage.
Excessive exposure may result in eye, skin, or respiratory irritation.

3. Composition/information on ingredients

3.2. Mixtures

Name	CAS#	Concentration*
Distillates (petroleum), hydrotreated, heavy paraffinic	64742-54-7	≥50 - <75

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Base oil - highly refined	Varies	≥25 - <50
Base oil - highly refined	64742-65-0	≥5 - <10

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.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Inappropriate extinguishing media	Straight streams of water

5.2. Fire fighting

Fire fighting instructions	Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.
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Hazardous combustion products Incomplete combustion products, Oxides of carbon

6. Accidental release measures

6.1. Notification procedures

Notification procedures In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

6.2. Protective measures

Protective measures

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary.

6.3. Environmental precautions

Large spills

Dyke far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

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.

8. Exposure Controls/personal protection

8.1. Exposure limit values

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated, heavy	ACGIH TLV (United States).

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paraffinic Base oil - highly refined	TWA: 5 mg/m ³ 8 hours. Issued/Revised: 11/2009 Form: Inhalable fraction OSHA PEL (United States). TWA: 5 mg/m ³ 8 hours. Issued/Revised: 6/1993 ACGIH TLV (United States). TWA: 5 mg/m ³ 8 hours. Issued/Revised: 11/2009 Form: Inhalable fraction OSHA PEL (United States). TWA: 5 mg/m ³ 8 hours. Issued/Revised: 6/1993
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- 8.2. Engineering controls** The level of protection and types of controls necessary will vary depending upon potential exposure conditions.
- 8.3. Personal protection** Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below is based upon intended normal usage.

Respiratory protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: No special requirements under ordinary conditions of use and with adequate ventilation.

Hand protection: Any specific glove information provided is based on published literature and glove manufacturer data. Inspect and replace worn or damaged gloves.

Eye protection: If contact is likely, safety glasses with side shields are recommended.

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Skin and body protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include: No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Specific hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

8.4. Environmental controls: Comply with applicable environmental regulations limiting discharge to air, water and soil.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Flash point 210 °C

Bulk density 0,855 g/cm³ @15°C (ASTM D 4052)

Viscosity 13,50-15,80 mm²/s @ 100°C

9.2. Other information

Other information Not available.

10. Stability and reactivity

10.1. Chemical Stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.2. Possibility of hazardous reactions

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Possibility of hazardous reactions Will not polymerise.

10.3. Conditions to avoid

Conditions to avoid Excessive heat. High energy sources of ignition.

10.4. Incompatible materials

Materials to avoid Strong oxidisers

10.5. Hazardous decomposition products

Hazardous decomposition products Material does not decompose at ambient temperatures.

11. Toxicological information

11.1. Information on toxicological effects

Aspiration hazards

Name	Result
Distillates (petroleum), hydrotreated, heavy paraffinic	ASPIRATION HAZARD - Category 1

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.

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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.

12.2. Persistence and degradability

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

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

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Other adverse effects No information required.

13. Disposal considerations

13.1. Waste treatment methods

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. LAND (DOT-TDG) Not Regulated for Land Transport

14.2. SEA (IMDG) Not applicable

14.3. AIR (IATA) Not Regulated for Air Transport

15. Regulatory information

This material is not considered hazardous according to OSHA HazCom 2012, 29 CFR 1910.1200.

State regulations

Massachusetts None of the components are listed

New Jersey The following components are listed: MINERAL OIL (UNTREATED and MILDLY TREATED); MINERAL OIL (UNTREATED and MILDLY TREATED); MINERAL OIL (UNTREATED and MILDLY TREATED)

Pennsylvania None of the components are listed.

California Prop. 65 This product contains a chemical known to the State of California to cause cancer. Nickel; arsenic
This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Toluene
This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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Benzene; lead; Cadmium (Non-pyrophoric)

Listed or exempt from listing/notification on the following chemical inventories (May contain substance(s) subject to notification to the EPA Active TSCA inventory prior to import to USA): AICS, CSNN, ENCS, IECSC, KECI, PICCS

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.

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.