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Prepared in accordance with the Regulation on the Preparation of Safety Data Sheets for Hazardous Substances and Mixtures (Official Gazette No. 13.12.2014-29204)

1: Identity of the Substance/Mixture and the Company/Distributor

1.1. Identity of the substance/mixture

Product name: VALVA GEAR OIL 80W90 GL-5

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

Recommended Area of Use: Multigrade Gear Oil

1.3. Safety Data Sheet Supplier Information

Manufacturer/Supplier: Parkim Grease Industrial Oils San. And Tic. A.ş.

Adress: İnönü Mahallesi Gebze Plastikçiler OSB Mahallesi 32. Sk. No: 11 41400 Gebze / Kocaeli/Turkey

Phone: +90 262 206 01 01

E-mail: <https://raschoil.com>

Fax : +90 262 01 02

1.4. Emergency Telephone Number

National Poison Advice Centre (UZEM): 114

2: Hazard Identification

2.1. Classification of Substance or Mixture

Physical Damages: Not classified as harmful.

Health Hazards: Not classified as harmful.

Environmental Damages: : Not classified as harmful.

2.2. Label Elements

There is no labelling element.

2.3. Other Losses

PBT: Not applicable.

Note: The DMSO extract test result of this product by IP 346 method was below 3% (m/m). It is therefore exempt from H350 with reference to 'Annex I entry in 21st ATP'.

3. Composition/Information on Ingredients

3.1. Mixtures

Chemical Composition	Cas No	EINECS No	Concentration (%)	DSD Classification	CLP Classification
Lubricant Base Oil	Mixture	Mixture	65-95	-	-
Zinc alkyl dithiophosphate	68649-42-3	272-028-3	<=1.6	N, Xi	R51/53 R36/38 R41

4. First Aid Measures

4.1. Description of First Aid Measures

Eye Contact: After cleaning your hands, hold your eyelids so that they do not touch each other and rinse your eyes with water for at least 15 minutes. In case of persistent irritation, consult a doctor.

Skin Contact: Wash thoroughly with soap and water. Clothes contaminated with oil should be removed and the skin contact area should be washed with water. If there is persistent irritation on the skin, consult a doctor.

Swallowing: Vomiting should not be forced. Mouth should be washed with plenty of water. In case of nausea and other symptoms, consult a doctor with the label of the substance swallowed.

Inhalation: Move the person to open air. If breathing is still difficult, seek medical help.

4.2. Important acute and subsequent symptoms and effects

Eye contact: No specific symptoms known.

Skin contact: There are no known specific symptoms.

Ingestion: No known specific symptoms

Inhalation: No known specific symptoms.

4.3. First signs of the need for medical intervention and special treatment

Information to be given to the doctor : Treat according to the symptoms.

5. Fire Fighting Methods

5.1. Fire Extinguishers

Suitable extinguishing agents: Foam, dry chemical powder, carbon dioxide, sand and soil can only be used on small fires.

5.2. Special Damages Arising from Substance or Mixture

Toxic gases are formed as a result of combustion. Can burn at high temperatures.

5.3. Recommendations for Suitable Extinguishing Teams

It must be extinguished by trained personnel wearing suitable fire protective clothing and an oxygen mask.

6. Accidental Spillover Precautions

Personal Precautions: The emergency team is notified. Unauthorised persons are removed from the environment. Open flame sources that may cause ignition of the spilled product are removed. If necessary, fire fighting measures in Section 5 are applied.

Environmental Precautions: Avoid water infiltration, dig a protective trench in sewerage and drainage systems and/or set up a compartment for dry sand, soil or similar absorbent materials. Use a floating dam for water leakage.

Clean-up and Remediation Methods: Absorb spilled product with absorbent or inert material. Store in closed containers in a well ventilated area while removing the waste material and the surface layer of oil contaminated soil. Deliver the waste for disposal to the persons responsible for the disposal of hazardous wastes appointed by the Ministry.

Additional Warnings: For larger spillages, contact 112 unit.

7. Handling and Storage

Transport

Safety Precautions Use the product in well ventilated areas. Keep away from fire and heat sources.

Safe Transport Recommendations Avoid contact with skin and eyes.

Storage Technical Dimensions and Storage Conditions

Suitable : It is recommended to store base oils in enclosed or closed areas. Storage temperature is recommended to be between 5°C and 40°C.

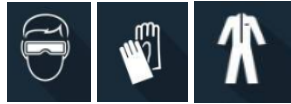
Inconvenient : Do not store in direct sunlight and high temperatures. Avoid contact with water and high oxidants

Packaging Materials

Recommended: Resistant to hydrocarbons.

Unsuitable: Any other material.

8. Exposure Controls / Personal Protection



Exposure controls: Maintain good ventilation of the environment.

Respiratory Protection: No respiratory protection equipment is required during normal work. In special circumstances (e.g. spillage) a full face mask should be worn, and in case of fire, compressed air protection should be used.

Hand Protection: Gloves should be made of PVC or neoprene and resistant to petroleum derivatives.

Eye Protection: Goggles with side shields or protective visors should be used when necessary.

Skin and Body Protection: No special protective clothing is required. Avoid contact with skin.

Special Hygiene and Safety Precautions: Smoking, eating and drinking are prohibited while handling this product. Wash hands before each break.

Additional Warnings: Oil contaminated clothing and footwear should be removed immediately.

Environmental exposure: Articles 6 and 7 are taken into consideration.

9. Physical and Chemical Properties

Features	Unit	Values	Method
View	-	Amber-Clear	-
Smell	-	Characteristic	-
Odour Threshold	-	No data available	-
Pour Point	°C	Max.(-35)	ASTM D 6749
Flash Point (Open Cup)	°C	Min.200	ASTM D 92
Density 15°C	°C	0,88-0,9	ASTM D 4052
Kinematic Viscosity, 100°C	mm ² /s	13.5-18.5	ASTM D 445

10. Stability and Reaction

Stability: Stable under normal conditions.

Conditions to be avoided: Excessive heat, high energy sources that may cause ignition

Substances to be avoided: Flammable substances, strong oxidisers.

Hazardous decomposition products: No known hazardous decomposition products under normal conditions.

Hazardous decomposition product in contact with water: None.

Decomposition and formation of unstable products: None.

11. Toxicological Information

Eye contact: Eye contact may cause temporary blindness.

Skin contact Prolonged or repeated contact may cause skin irritation: Contact of hot product with skin may cause skin burns.

Ingestion Ingestion is harmful, may cause poisoning.

Inhalation Inhalation of mist or fumes may irritate eyes, nose and throat. Vapours of hot product are irritating to upper respiratory tract.

12. Ecological Knowledge

Ecotoxicity: Harmful to aquatic organisms. Spillage forms a layer on the water surface and prevents the passage of oxygen.

Mobility: Spillages can penetrate the soil and cause contamination of ground water.

Persistence and Disposal: It has the ability to accumulate in soil.

13. Disposal Information

Disposal information / Waste information

It must be recycled in accordance with applicable laws and regulations. The used product must be delivered to licensed authorised institutions for recycling or disposal in accordance with applicable laws and regulations. Empty packaging may be hazardous as it may contain some product, the product inside should be thoroughly drained. The used packaging must be handed over to licensed authorities for recycling or disposal in accordance with applicable laws and regulations.

14. Transport Information

ADR : European Convention concerning the international carriage of dangerous goods by road

BHOT: Specific Target Organ Toxicity

IATA: Regulations for the Carriage of Dangerous Goods by Air

IMDG: Dangerous Goods in International Maritime

MARPOL: Convention for the Prevention of Marine Pollution from Ships, 1973 as amended by the 1978 Protocol

73/78: ("Marpol" = marine pollution)

PBT: Persistent, Bioaccumulative and Toxic

RID : Regulation on the International Carriage of Dangerous Goods by Rail

STEL: Limit value not to be exceeded in a 15-minute period.

TWA: 8-hour time-weighted average concentration measured or calculated for the specified reference period.

vPvB: Very persistent and very bioaccumulative.

15. Legal Information

This safety data sheet has been prepared in the light of the information available at the time of writing. It is the responsibility of the user to comply with all precautions to be taken and all applicable laws and regulations regarding the use of the product. The accuracy or completeness of the data in this data sheet cannot be represented or guaranteed in any way, directly or indirectly. The recommendations given apply when this product is used for its specified applications. Our organisation shall not be liable for any material damage or injury that may result from any use other than that of the specified product, from failure to follow the recommendations, or for any risks inherent in the material. This product must not be used for any purpose other than the specified applications without consulting us. Those who purchase this product to give and/or give it to third parties who will use it are responsible for passing on the information in this form to those who will use it. Employers are obliged to explain the risks described in this form or the measures to be taken to their employees and others who may be affected.

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse with plenty of water and seek medical advice.

S29: Do not discharge into the sewer.

S39: Wear protective goggles/mask.

S46: If swallowed, consult a doctor immediately and show the container or label.

16. Other Information

Key Information Sources

This Safety Data Sheet has been prepared based on the information received from our raw material suppliers.

Risk Disclosures

Full text of H sentences

H311 – Toxic in contact with skin.

H315-Causes skin irritation

H318- Causes serious eye damage

H317- Causes severe skin burns and eye damage

H411- Long-lasting, toxic effect in aquatic environment

H410- Long-lasting, very toxic effect in the aquatic environment.

H373- Prolonged or repeated exposure may cause damage to organs.

Full text of R sentences

R23/24/25 - Toxic in contact with skin.

R38 - Irritates the skin

R41- Risk of serious eye damage

R43 - Causes severe skin burns and eye damage.

R50/53- May have a long-lasting, harmful effect in the aquatic environment.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R33- Prolonged or repeated exposure may cause damage to organs.

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