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Prepared in accordance with the Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (Official Gazette No. 23.06.2017-30105)

1: Identification of the substance/mixture and company/distributor

1.1. Identity of the substance/mixture

Product name: **LITHIUM GREASE**

1.2. Identified Uses of the Substance or Mixture and Uses Advised

Recommended Use: Grease

1.3. Safety Data Sheet Supplier Information

Manufacturer/Supplier: **PARKİM Gres Endüstri Yağları San. And Trade. Inc.**

Address: İnönü Mahallesi Gebze Plastikçılar OSB Mahallesi 32. Sk . No: 11 41400 Gebze / Kocaeli

Phone: +90 262 206 01 01 Email: <https://raschoil.com>

Fax : +90 262 01 02

1.4. Emergency Phone Number

National Poison Information Center (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 hazards: Not classified as harmful.

2.2. Label Elements

No tag element

2.3. Other Damages

PBT: Not applicable.

vPvB : Not applicable.

3. Composition/Information on Ingredients

3.1. mixes

Chemical Composition	Cas No.	EC Number	Ratio(%)	Classification
base oil	74869-22-0	278-012-2	60-90	-
HCO	8001-78-3	232-292-2	10-30	-
LIOH	1310-66-3	215-183-4	1-4	Acute Tox. 4- H302 Skin Corrosion 1B; H314

Note: The DMSO extract test result of this product using the IP 346 method was found to be below 3% (m/m). For this reason, it is exempt from the H350 statement with reference to ' Annex I entry in 21st ATP '. Some substances have no classification according to current legislation. It is classified by the manufacturer. According to IP 346, DMSO rate is less than 3% .

4. First Aid Measures

4.1. Description of first aid measures

General information ; In all cases of doubt and if symptoms are present, consult a doctor. In case of loss of consciousness, place in a stable side position and seek medical advice. Remove dirty and wet clothing immediately.

In case of inhalation ; Remove affected persons to fresh air and keep them warm and calm.

In case of contact with skin; In case of contact with skin, wash immediately with plenty of water and soap.

In case of contact with eyes ; In case of contact with eyes, clean the eye with plenty of water and then see an ophthalmologist immediately.

If swallowed; If swallowed, rinse mouth with water (only if the person is conscious). Drink plenty of water in small portions (dilution effect). Call a doctor immediately. Do not induce vomiting.

4.2. Most important acute and delayed symptoms/effects

In all cases of doubt and if symptoms are present, consult a doctor.

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

No information available.

5. Fire Fighting Methods

5.1. Fire Extinguishers : Foam, dry chemical and spray water can be used for small-scale fires. In case of large-scale fires, the fire department should be called.

5.2. Special Hazards Resulting from Substances and Mixtures : Forms toxic gases after combustion. These gases cause poisoning if inhaled. It can burn at high temperatures.

3. Recommendations for Fire Fighting Teams: The fire should be extinguished by people trained in this regard and protective clothing and oxygen masks should be used. Fire should never be intervened with water.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment in item 8. Remove any equipment (flame source, chemical substance, etc.) that may cause the spilled substance to react. Notify the emergency team.

6.2. Environmental Precautions: In small-scale spills, oil should be impregnated by adding sand to the spilled part. To dispose of it afterwards, it should be placed in a liquid-tight package with the help of a shovel. In large-scale spills, to prevent the oil from mixing with the environment, a dam should be built with sand or sawdust or a trench should be dug to prevent the flow of oil. In such cases, the authorized units should be notified immediately after the first intervention.

6.3. Methods and Materials for Containment and Cleanup: Absorb spilled product with absorbent or inert material. Store waste material in closed, leak-proof containers. Deliver the waste to the persons responsible for the disposal of hazardous waste appointed by the Ministry for disposal. Do not clean with water.

6.4. Reference to Other Sections: For large spills, contact 112.

7. Use and Storage

7.1. Precautions for Safe Handling: Keep the product in well-ventilated areas and closed containers. Keep away from fire and heat sources. Avoid contact with skin and eyes.

7.2. Conditions for Safe Storage, Including Any Incompatibilities: Keep away from nutritional products such as food and beverages. Keep tightly closed in its original container. It is recommended that the storage temperature be between 5°C and 40°C. Do not leave in direct sunlight and high temperature. Avoid contact with water and high oxidants. It is resistant to hydrocarbons.

7.3. Specific End Uses: Observe technical data sheet.

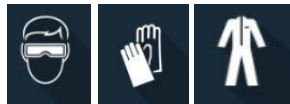
8. Exposure Controls / Personal Protection

8.1. Control Parameters : See Article 7.

8.2. Exposure Controls

8.2.1. Appropriate engineering Controls: Ensure good ventilation.

8.2.2. Personal Protective Equipment



Respiratory Protection: No respiratory protection equipment is required during normal operation. In special cases (such as a spill), a mask that protects the whole face should be worn, and in cases such as fire, protectors containing compressed air should be used.

Hand Protection: Gloves should be made of PVC or neoprene and be resistant to oils, greases, bases and acids.

Eye Protection : Glasses with side protection or a protective visor should be used.

Skin and Body Protection: Long-sleeved protective clothing and shoes should be used.

Special Hygiene and Safety Precautions: Smoking, eating and drinking are prohibited when handling this product. Hands should be washed before each break.

Additional Warnings: Oil-contaminated clothing and shoes should be removed immediately and the contacted area should be cleaned immediately.

9. Physical and Chemical Properties

Features	Unit	Values			Method
Appearance	-	Thick			-
Colour	-	Yellow-Brown			-
Smell	-	unique			-
Soap Type	-	Li			-
NLGI	-	one	2	3	-
Penetration, Machined, 25 °C (0.1mm)	-	310-340	265-295	220-250	-
Dropping Point, °C	-	Min.185	Min.185	Min.185	ASTM D 566
Rust Test	-	passes			ASTM D 174

10. Stability and Reactivity

10.1. Reaction: No information available.

10.2. Chemical Stability: No information available.

10.3. Possibility of Harmful Reactions : None.

10.4. Conditions to Avoid: Contact with high temperatures, sources of fire and direct sunlight should be avoided.

10.5. Substances to Avoid: Contact with water and strong oxidants should be avoided.

10.6. Hazardous Decomposition Products: No information available.

11. Toxicological Information

Skin Corrosion/Irritation; Prolonged or repeated contact may cause skin irritation.

Serious Eye Damage/Irritation ; Contact with eyes may cause temporary blindness and eye irritation.

Respiratory or Skin Sensitization; Inhalation of mist or fumes may cause irritation to the eyes, nose and throat. The vapor of the hot product is irritating to the upper respiratory tract.

If swallowed; It may cause nausea and diarrhea.

Germ Cell Mutagenicity ; Based on available information, the classification criteria are not met.

Carcinogenicity ; Based on available information, the classification criteria are not met.

Reproductive Toxicity: Based on available information, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure; Based on available information, the classification criteria are not met.

Aspiration Harm ; Based on available information, the classification criteria are not met.

LD50, Acute Toxicity Estimates or LC50; Based on available information, the classification criteria are not met.

Other observations

If general occupational safety and industrial hygiene rules are followed, there is no danger to the health of personnel while working with this product.

12. Ecological Information

12.1. Toxicity; It does not harm aquatic life. Spills form a film on the water surface, preventing oxygen passage.

12.2. Persistence and Degradability ; It is biodegradable .

12.3. Bioaccumulation Potential; Bioaccumulation is not expected in the environment through food chains .

12.4. Mobility in Soil; The spilled product penetrates into the soil and causes pollution in surface waters.

12.5. Results of PBT and vPvB Assessment; No data available

12.6. Other Adverse Effects ; It has the ability to accumulate in soil.

13. Disposal Information

It must be handed over to authorized persons for disposal by licensed (permitted) institutions in accordance with the current regulation. Used products, packaging or other waste should never be released into the environment.

14. Transportation Information

GENERAL

The product is not covered by international regulations on the transportation of dangerous goods (IMDG, IATA, ADR/RID).

Road transport (ADR/RID)

Its transportation is not dangerous. Not classified as hazardous for transport.

Sea transportation (IMDG)

Its transportation is not dangerous. Not classified as hazardous for transport.

Air transport (ICAO)

Its transportation is not dangerous. Not classified as hazardous for transport.

15. Environmental Information

15.1. Safety, health and environmental regulations/ legislation specific to the substance or mixture

EU regulatory information

2010/75/EU (VOC): 0 %

National regulation information

Water hazard class (D): 1- causing minor water pollution

15.2. Chemical Safety Assessment

Substance safety assessments have not been conducted for the substances in this mixture.

16. Other Information

Symbol(s)

H full text of sentences

H318: Causes serious eye damage

R full text of sentences

R41 : Risk of serious eye damage.

The issues included in the Product Safety Information Form have been published in line with the information we currently have and are intended to describe the products in terms of health, safety and environmental conditions. The product is essentially described in the safety data sheet. Data and recommendations are valid for the application or applications specified in this product when sold. This product should not be used for any purpose other than the specified application or applications without consulting us. The responsibility for all precautions to be taken regarding the use of the product belongs to the user. No representation or warranty is made, directly or indirectly, that the data in this information sheet is correct or complete.