

## SAFETY DATA SHEET

This SDS is prepared in accordance with the regulations relating to safety data sheets for hazardous substances and mixtures published by "Ministry of Environment and Urbanisation" (Reg no:29204; date: 13 Dec 2014)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name:** GEARMaster LXG 0

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

**Identified uses:** Lubricating grease

**Uses advised against:** No uses advised against identified.

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier** Opet Fuchs Madeni Yağ San. Tic. A.Ş.  
Atatürk Mahallesi İnönü Bulvarı No:52/19  
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**1.4 Emergency telephone number:** UZEM: 114 - Acil Sağlık Hizmetleri:112

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

##### Health Hazards

Skin sensitizer Category 1 H317: May cause an allergic skin reaction.

##### Hazard summary

**Physical Hazards:** No data available.

#### 2.2 Label Elements

**Contains:** Organic polysulphide

Product name: GEARMASTER LXG 0



**Signal Words:** Warning

**Hazard Statement(s):** H317: May cause an allergic skin reaction.

**Precautionary Statements**

**Prevention:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

**2.3 Other hazards:** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**General information:** Lubricating grease: Thickener system and additives in synthetic base oil. Mixture of the substances listed below with harmless additions.

| Chemical name        | Identifier        | Concentration * | REACH Registration No. | Notes |
|----------------------|-------------------|-----------------|------------------------|-------|
| Organic polysulphide | EINECS: 270-335-7 | 1,00% - <5,00%  | 01-2119540516-41       |       |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

#### Classification

| Chemical name        | Identifier        | Classification          |
|----------------------|-------------------|-------------------------|
| Organic polysulphide | EINECS: 270-335-7 | CLP: Skin Sens. 1B;H317 |

CLP: Regulation No. 1272/2008.

### SECTION 4: First aid measures

**General:** Instantly remove any clothing soiled by the product.

#### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

**Product name:** GEARMASTER LXG 0

|                                                                                       |                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin Contact:</b>                                                                  | Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention. |
| <b>Ingestion:</b>                                                                     | Rinse mouth thoroughly.                                                                                                                                                                                                          |
| <b>4.2 Most important symptoms and effects, both acute and delayed:</b>               | Suspected to cause hypersensitivity and allergy.                                                                                                                                                                                 |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> | Symptoms may be delayed.                                                                                                                                                                                                         |

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:** During fire, gases hazardous to health may be formed.

### 5.3 Advice for firefighters

**Special fire fighting procedures:** Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: Accidental release measures

|                                                                                 |                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>6.1 Personal precautions, protective equipment and emergency procedures:</b> | In case of spills, beware of slippery floors and surfaces. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.                       |
| <b>6.2 Environmental Precautions:</b>                                           | Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water. |
| <b>6.3 Methods and material for containment and cleaning up:</b>                | Scrape up spillage or absorb with absorbing material. Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.                                                  |

**Product name:** GEARMASTER LXG 0

**6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

## SECTION 7: Handling and storage:

**7.1 Precautions for safe handling:** Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.

**7.2 Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed.

**7.3 Specific end use(s):** Not applicable

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

### 8.2 Exposure controls

#### Appropriate engineering controls:

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment

##### General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

##### Eyeface protection:

Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.

**Product name:** GEARMASTER LXG 0

**Skin protection**

**Hand Protection:**

Material: Nitrile butyl rubber (NBR).  
Min. Breakthrough time:  $\geq 480$  min  
Recommended thickness of the material:  $\geq 0,38$  mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:**

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:**

Not relevant, due to the form of the product.

**Thermal hazards:**

Not known.

**Hygiene measures:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental Controls:**

No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

**Physical state:**

solid

**Form:**

Paste

**Color:**

Yellow

**Odor:**

Characteristic

**pH:**

substance/mixture is non-soluble (in water)

**Drop Point:**

not determined

**Boiling Point:**

not determined

**Flash Point:**

Not applicable

**Evaporation Rate:**

Not applicable for mixtures

**Flammability (solid, gas):**

not determined

**Flammability Limit - Upper (%)—:**

Not applicable for mixtures

**Flammability Limit - Lower (%)—:**

Not applicable for mixtures

**Vapor pressure:**

Not applicable for mixtures

**Relative vapor density:**

Not applicable for mixtures

**Density:**

0,90 g/cm<sup>3</sup> (20 °C)

**Solubility(ies)**

**Solubility in Water:**

Practically Insoluble

**Solubility (other):**

No data available.

**Partition coefficient (n-octanol/water):**

Not applicable for mixtures

**Autoignition Temperature:**

not determined

**Product name:** GEARMASTER LXG 0

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| <b>Decomposition Temperature:</b> | not determined                        |
| <b>NLGI:</b>                      | 0                                     |
| <b>Explosive properties:</b>      | Value not relevant for classification |
| <b>Oxidizing properties:</b>      | Value not relevant for classification |
| <b>Particle characteristics:</b>  | Study technically not feasible        |
| <b>9.2 Other information</b>      | No data available.                    |

#### SECTION 10: Stability and reactivity

|                                                 |                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity:</b>                         | Stable under normal use conditions.                                                             |
| <b>10.2 Chemical Stability:</b>                 | Stable under normal use conditions.                                                             |
| <b>10.3 Possibility of hazardous reactions:</b> | Stable under normal use conditions.                                                             |
| <b>10.4 Conditions to avoid:</b>                | Stable under normal use conditions.                                                             |
| <b>10.5 Incompatible Materials:</b>             | Strong oxidizing substances. Strong acids. Strong bases.                                        |
| <b>10.6 Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

#### SECTION 11: Toxicological information

##### Information on likely routes of exposure

|                      |                                      |
|----------------------|--------------------------------------|
| <b>Inhalation:</b>   | No data available.                   |
| <b>Ingestion:</b>    | No data available.                   |
| <b>Skin Contact:</b> | May cause an allergic skin reaction. |
| <b>Eye contact:</b>  | No data available.                   |

##### 11.1 Information on toxicological effects

###### Acute toxicity

###### Oral

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| <b>Product:</b> | Not classified for acute toxicity based on available data. |
|-----------------|------------------------------------------------------------|

###### Dermal

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| <b>Product:</b> | Not classified for acute toxicity based on available data. |
|-----------------|------------------------------------------------------------|

###### Inhalation

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| <b>Product:</b> | Not classified for acute toxicity based on available data. |
|-----------------|------------------------------------------------------------|

###### Skin Corrosion/Irritation:

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| <b>Product:</b> | Based on available data, the classification criteria are not met. |
|-----------------|-------------------------------------------------------------------|

###### Serious Eye Damage/Eye Irritation:

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| <b>Product:</b> | Based on available data, the classification criteria are not met. |
|-----------------|-------------------------------------------------------------------|

**Product name:** GEARMASTER LXG 0

**Respiratory or Skin Sensitization:**

**Product:** Skin sensitizer: Based on available data, the classification criteria are met.  
Respiratory sensitizer: Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity**

**Product:** Based on available data, the classification criteria are not met.

**Carcinogenicity**

**Product:** Based on available data, the classification criteria are not met.

**Reproductive toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Aspiration Hazard**

**Product:** Based on available data, the classification criteria are not met.

**Other adverse effects:** No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Chronic Toxicity****Product:** Based on available data, the classification criteria are not met.

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** Not applicable for mixtures

**12.3 Bioaccumulative potential**

**Product:** Not applicable for mixtures

**12.4 Mobility in soil:**

**Product:** Not applicable for mixtures

**12.5 Results of PBT and vPvB assessment:**

The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Other adverse effects:** No data available.

Product name: GEARMASTER LXG 0

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

|                             |                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b> | Dispose in accordance with all applicable regulations.                                                                                                                                 |
| <b>Disposal methods:</b>    | Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed. |

## SECTION 14: Transport information

### ADR/RID

|                                    |                     |
|------------------------------------|---------------------|
| 14.1 UN Number:                    | —                   |
| 14.2 UN Proper Shipping Name:      | —                   |
| 14.3 Transport Hazard Class(es)    |                     |
| Class:                             | Non-dangerous goods |
| Label(s):                          | —                   |
| Hazard No. (ADR):                  | —                   |
| Tunnel restriction code:           | —                   |
| 14.4 Packing Group:                | —                   |
| 14.5 Environmental hazards:        | —                   |
| 14.6 Special precautions for user: | —                   |

### IMDG

|                                    |                     |
|------------------------------------|---------------------|
| 14.1 UN Number:                    | —                   |
| 14.2 UN Proper Shipping Name:      | —                   |
| 14.3 Transport Hazard Class(es)    |                     |
| Class:                             | Non-dangerous goods |
| Label(s):                          | —                   |
| EmS No.:                           | —                   |
| 14.3 Packing Group:                | —                   |
| 14.5 Environmental hazards:        | —                   |
| 14.6 Special precautions for user: | —                   |

### IATA

|                                    |                     |
|------------------------------------|---------------------|
| 14.1 UN Number:                    | —                   |
| 14.2 Proper Shipping Name:         | —                   |
| 14.3 Transport Hazard Class(es):   |                     |
| Class:                             | Non-dangerous goods |
| Label(s):                          | —                   |
| 14.4 Packing Group:                | —                   |
| 14.5 Environmental hazards:        | —                   |
| 14.6 Special precautions for user: | —                   |

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

**Product name:** GEARMASTER LXG 0

**EU Regulations**

**EU. Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances:** none

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** none

**15.2 Chemical safety assessment:**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

**Revision Information:**

Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

H317 May cause an allergic skin reaction.

**Other information:**

The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: - On the basis of test data - Calculation Method - Bridging Principle "Substantially similar mixtures" - Expert Judgement

**Düzenleyen:**

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**Revision Date:**

25.10.2021

**Disclaimer:**

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