

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

According to Regulation (EU) No 453/2010

PETROGREASE SANUS 154 MOLY 2  
Print date: 21-Nis-20

Form no: DOK-EY-40  
Date prepared: 17-Jan-19

Revision no: 00  
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## 1. Identification of the substance / preparation and of the company / undertaking

<b>1.1. Identification of the substance or preparation:</b>	<b>PETROGREASE SANUS 154 MOLY 2</b>
<b>1.2. Use of the substance/ preparation:</b>	Lubricating grease For industrial purposes only
<b>1.3. Supplier (manufacturer/importer/downstream user/distributor):</b>	PETROFER ENDÜSTRİYEL YAĞLAR SAN. VE TİC. A.Ş. 10008 Sok. No. 11, 35620 Çiğli – İZMİR <u>Telephone:</u> +90 (232) 376 84 45 <u>Fax:</u> +90 (232) 376 79 42 <u>E-mail:</u> <a href="mailto:quality@petrofer.com.tr">quality@petrofer.com.tr</a> <u>Web:</u> <a href="http://www.petrofer.com.tr">http://www.petrofer.com.tr</a>
<b>1.4. Emergency telephone:</b>	+90 (232) 376 84 45 UZEM(114)

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard statements**

n.a.

**Precautionary statements**

n.a.

**contains:**

n.a.

**Special provisions concerning the labelling of certain mixtures**

n.a.

### 2.3. Other hazards

## 3. Composition/ Information on ingredients

### 3.2. Mixtures

This mixture does not contain substances that pose a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, are not assigned a Community exposure limit in the workplace, and are not classified as PBT/vPvB or included in the Candidate List.

**Chemical characterization (preparation)**

**Description:**

**Contains**

**Dangerous ingredients:**

EC-no.:	REACH No.	Wt %
CAS-No.:	Chemical Name:	Remark
INDEX No.:	classification:	
4259-15-8	Zinc bis[O,O-bis(2-ethylhexyl)]bis dithiophosphate Eye Dam. 1 /H318, Aqu. Chronic 2 /H411	%0,3-0,6

**Additional information**

**Full text of H-phrases:** see section 16.

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## 4. First-aid measures

### 4.1. Description of first aid measures:

<b>General information:</b>	In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice.
<b>After inhalation:</b>	Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.
<b>After skin contact:</b>	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
<b>In case of eye contact:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.
<b>After ingestion:</b>	If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately. Keep victim calm. Give activated carbon, in order to reduce the resorption in the gastro-enteric tract. Do NOT induce vomiting if the person is in shock.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Foam. Dry chemical. Carbon Dioxide. Alcohol-resistant foam and water spray in more intense fires. Do not use direct water.

#### Not suitable extinguishing media:

Jet of water

### 5.2. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:

Fire can form a thick black smoke. The following side effects of thermal decomposition may occur: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be harmful to health.

### 5.3. Advice for firefighters

Cool the containers close to the tanks, cisterns and heat sources with water. Pay attention to the direction of the wind. Prevent fire-fighting products from entering drains or water courses.

#### Special protective equipment for fire-fighters:

Depending on the size of the fire, the breathing team, heat-resistant clothing, gloves, protective goggles or masks and boots can be used.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No specific recommendations. For personal protection, see Section 8.

### 6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Leave in a non-sealed container for several days with the cleaner until they stop reacting.

### 6.4. Reference to other sections

Reference to other sections for personal protection, see Section 8.

Follow the recommendations under section 13 for the elimination of waste.

## 7. Handling and storage

### 7.1. Handling

Information for safe handling:

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When using do not eat, drink or smoke. Avoid unnecessary contact. Avoid release to the environment. Keep the product in containers of the same material as the original one.

See section 8 for personal protection. Never use pressure to empty containers, containers are not pressure resistant.

## Precautions against fire and explosion:

See chapter 9 for flashpoint!

### 7.2. Storage

The product does not require special storage measures.

You should avoid contact with heat, radiation, electricity and food as in general storage conditions.

Keep away from oxidizing agents and high acidic or alkaline substances.

Store between 5 and 35 °C in a dry and well-ventilated place.

Store in accordance with local regulations.

The product is not affected by the Directive 2012/18 / UE (SEVESO III).

### 7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2

## 8. Exposure controls/ Personal protection

### 8.1. Control parameters

#### Technical measures to prevent exposure

Provide good ventilation. This can be achieved with local or room suction.

#### Components with workplace or biological limit values to be monitored:

Description	Type	Value (ppm; mg/m <sup>3</sup> )
---	STEL (EC) TWA (EC)	

Stated values are taken from the then applicable German TRGS 900 or the German VCI table for exposure limit values.

TWA (EC): Occupational exposure limit value

STEL (EC): Short term occupational exposure limit value

### 8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

#### Personal protection equipment

##### Respiratory protection

Avoid breathing spray.

##### Hand protection:

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber), PVC (polyvinyl chloride)CR (polychloroprene, chloroprene rubber). Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

##### Eye/face protection

Wear closely fitting protective glasses in case of splashes.

##### Body protection

Wear suitable protective clothing and gloves.

##### Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls** Do not allow to enter into surface water or drains.

See section 7. No additional measures necessary.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance:	Homogeneous grease
Colour	Black
Odour:	Characteristic

Safety relevant basis data	Measured values	unit	Method	Remark
Melting point/range :	>190	°C	ASTM D 566	
Relative density:	0,9063	g/cm <sup>3</sup>	DIN51757	
Water solubility :	INSOLUBLE			

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Solubility	N/A
Liposolubility	N/A
Ph:	N/A
Autoignition :	N/A
Flash point :	>200 °C
Boiling point/range :	>300 °C
Evaporation rate:	N/A
Inflammability(solid,gas):	N/A
Lower explosive limit:	N/A
Upper explosive limit:	N/A
Vapour pressure:	N/A
Vapour density:	N/A
Partition coefficient(n-octanol/water):	N/A
Decomposition temperature	N/A
Viscosity:	N.A./N.A.
Explosive properties	N/A

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

## 10. Stability and reactivity

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

### 10.4. Conditions to avoid

Prevent any misuse.

### 10.5. Incompatible materials

To avoid exothermic reactions, keep away from oxidizing, high alkaline or acidic substances.

### 10.6. Hazardous decomposition products

No hazardous decomposition products are known.

### Additional information:

If used in the intended way, there is no distortion.

## 11. Toxicological information

### 11.1. Information on toxicological effects

For repeated contacts or prolonged exposure, the skin may be destroyed and non-allergic dermatitis may be caused by skin entry.

In splashes to the eyes, it may result in irreparable and irreparable damage.

a) Acute toxicity;

Insufficient data for classification.

b) Corrosion or skin irritation;

Insufficient data for classification.

c) Serious eye damage or eye irritation;

Insufficient data for classification.

d) Respiratory or skin sensitization;

Insufficient data for classification.

e) Mutagenicity in germ cells;

Insufficient data for classification.

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- f) Cancer;  
Insufficient data for classification.
- g) Reproductive toxicity;  
Insufficient data for classification.
- h) Toxicity of organs that are specifically targeted (once exposed);  
Insufficient data for classification.
- i) Toxicity of organs that are specifically targeted (subject to recurrence);  
Insufficient data for classification.
- j) Aspiration hazard.  
Insufficient data for classification.

## 12. Ecological information

### Overall evaluation:

There is no information available on the preparation  
Do not allow to enter into surface water or drains.

### 12.1. Toxicity

No information available.

### Long Term Ecotoxicity

Toxicological data are not available.

### 12.2. Persistence and degradability

Toxicological data are not available.

### 12.3. Bioaccumulative potential

Toxicological data are not available.

### Bioconcentration factor (BCF):

Toxicological data are not available.

### 12.4. Mobility in soil

There is no information about mobility on the ground.  
Do not allow the product to enter drains or waterways.  
Prevent it from entering the ground.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

Information on other adverse effects for the environment is not available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Appropriate disposal/Product:

#### Recommendation:

Do not empty into drains or the aquatic environment. This material and its container must be disposed of in a safe way. Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions, covering waste and dangerous waste.

#### Contaminated packaging:

#### Recommendation:

Non-contaminated containers may be recycled. Vessels not properly emptied are special waste.

## 14. Transport information

Transport according to ADR/RID, IMDG and ICAO/IATA.

The product is a non-hazardous substance in the sense of the transport regulations.

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## Overland transport (ADR/RID)

Class: n.a.  
Label: n.a.  
UN No.: n.a.  
Hazard identification number (Kemler No.): n.a.  
Official directive for the transport: n.a.  
Packing Group: n.a.  
Tunnel restriction code: -

## Transport by sea (IMDG)

Class: n.a.  
Label: n.a.  
EmS-No.: n.a.  
UN No.: n.a.  
Official directive for the transport:  
Packing Group: n.a.  
Marine pollutant: n.a.

## Air transport (ICAO-TI / IATA-DGR)

Class: n.a.  
UN No.: n.a.  
Packing Group: n.a.

## 15. Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009No. 716).The Carriage of Dangerous Goods and Use of Transportable Pressure EquipmentRegulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].EH40/2005 Workplace exposure limits. Regulation on Classification, Labeling and Packaging of Substances and Mixtures (TC 28848), Regulation on Health and Safety Measures in Working with Chemical Substances, Implementing Regulation on the Use of Personal Protective Equipment in the Workplace, Occupational Health and Safety Law, Waste Management Regulation.
EU legislation Regulation	(EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.
Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC	

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## 16. Other information

ACGIH: American Conference of Governmental Industrial Hygienist

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OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

TWA: Time weighted Average

STEL: Short-Term Exposure Limit

OEL: Occupational exposure limit

STOT: Specific target organ toxicity

vPvB: vPvB: Very Persistent and Very Bioaccumulative

PBT: Persistent, Bioaccumulative, Toxic

BCF: Bioconcentration factor

IMDG: United Nations Convention on the International Carriage of Dangerous Goods by Sea.

IATA: United Nations Convention on Air Transport of Dangerous Goods International.

ADR: United Nations, international convention on road transport of dangerous goods.

RID: Regulation Concerning the International Carriage of Dangerous Goods by Rails.

IBC: Intermediate Bulk Container

MARPOL: International Convention for the Prevention of Pollution from Ships.

## Relevant H-phrases (Number and full text):

H318 Causes serious eye damage

H411 Toxic to aquatic life with long lasting effects

## Further remarks:

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter

1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

n.a. = not applicable

n.d. = not determined

Prepared By : Ayşegül Arslan

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