

## Safety Data Sheet

### LGEP 2

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

##### 1.1. Product identifier

**Trade name:** LGEP 2

**Other Information:** For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
1 703-527-3887 (collect calls accepted)

Location:  
CHEMTREC  
2900 Fairview Park Drive  
Falls Church VA 22042-4513  
USA

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

**Recommended uses:** Lubricant

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

**Supplier**

**Company:** SKF MAINTENANCE PRODUCTS  
**Address:** P.O. Box 2350  
**Zip code:** 3430 DT  
**City:** Nieuwegein  
**Country:** NETHERLANDS  
**E-mail:** sebastien.david@skf.com  
**Phone:** +31 306307200  
**Homepage:** www.skf.com

##### 1.4. Emergency Telephone Number

+31 30 6307200

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**HazCom classification:** Hazardous to the aquatic environment, long-term (Chronic), Category 3;H412

**Most serious harmful effects:** Harmful to aquatic life with long lasting effects. May cause slight irritation to the skin and eyes.

##### 2.2. Label elements

###### H-phrases

Harmful to aquatic life with long lasting effects.

###### P-phrases

Avoid release to the environment.  
Dispose of contents/container in accordance with local regulation.

# Safety Data Sheet

## LGE P 2

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS No	Concentration	Notes
Phosphorodithioc acid, mixed O,O-bis(2-ethylhexyl and iso-butyl and iso-propyl) esters, zinc salts	85940-28-9	2.5 - 5%	

#### Ingredient comments:

The mineral oils in the product contain <3% DMSO extract(IP 346).

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Seek fresh air. Seek medical advice in case of persistent discomfort.

#### Ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

#### Skin contact:

Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

#### Eye contact:

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

#### General:

Bring the safety data sheet or label when seeking medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.

#### Unsuitable extinguishing media:

Do not use a jet of water, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Not flammable, but combustible. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

### 5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke gases - seek fresh air.

## Safety Data Sheet

### LGEP 2

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** ACGIH Threshold Limit Values (TLV's) and Biological Exposure Indices (BEI's), 2019. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

**Personal protective equipment, respiratory protection:** Not required.

In case of spraying/formation of spraying mists: Wear respiratory protective equipment. Filter type: A P.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Paste
Colour	Yellow Brown
Odour	No data
Solubility	Not miscible with the following: Water.
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	> 150 °C	>302°F
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	

# Safety Data Sheet

## LGEP 2

Odour threshold	No data	
-----------------	---------	--

### 9.2 Other information

Parameter	Value/unit	Remarks
Density	< 1000 kg/m <sup>3</sup>	(77 °F)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Strong oxidisers.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid temperatures >113°F.

### 10.5. Incompatible materials

Strong oxidisers.

### 10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### LGEP 2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (mix)		5051 mg/kg		Calculated	

#### Phosphorodithioc acid, mixed O,O-bis(2-ethylhexyl and iso-butyl and iso-propyl) esters, zinc salts, cas-no 85940-28-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		3000 mg/kg			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

#### Acute toxicity - dermal

##### LGEP 2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (mix)		3219 mg/kg		Calculated	

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.