

# Material Safety Data Sheet

LGEP 2

## 1. Product and Company Identification

Prepared on: 30-06-2010/ TKO	Manufacturer/supplier: <b>SKF Maintenance Products</b> <b>Postbox 1008</b> <b>3430 BA Nieuwegein</b> <b>The Netherlands</b> <b>Tel:+31 30 6307200 Fax:+31 30 6307205</b>
Use: Lubricant.	

## 2. Composition/Information on Ingredients

CAS No.	Designation	LD50 / LC50 of Ingredient	w/w%
68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	N/AV	< 2.5
92045-45-9	Lubricating oils (petroleum), hydrotreated solvent-refined bright stock-based	N/AV	25-50

## 3. Hazards Identification

<b>Routes of Entry:</b> Eye and skin contact. Inhalation of mist.
<b>Potential Health and Environmental effects:</b> May be irritating to eyes and skin. When heated or sprayed the product may emit mists that irritate the respiratory tract.

## 4. First Aid Measures

<b>By inhalation:</b> Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>By ingestion:</b> Do not induce vomiting. Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
<b>By skin contact:</b> Remove contaminated clothing, watch and jewellery. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>By eye contact:</b> Flush immediately with water (preferably using eye wash equipment) for at least 10 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
<b>Other information:</b> When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

## 5. Firefighting Measures

<b>Flammability</b> No	<b>If yes, under which conditions?</b> -	
<b>Means of Extinction</b> Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.		
<b>Flashpoint (°C) and Method</b> > 150 °C, Method: N/AV	<b>Upper Flammable Limit (% by volume)</b> N/AV	<b>Lower Flammable Limit (% by volume)</b> N/AV
<b>Autoignition Temperature (°C)</b> N/AV	<b>Explosion Data - Sensitivity to Impact</b> N/AV	<b>Explosion Data - Sensitivity to Static Discharge</b> N/AV
<b>Hazardous Combustion Products</b> Carbon mono- and dioxide.		

**6. Accidental Release Measures**

Use the same personal protective equipment as stated in section 8. Wipe up minor spills with a cloth. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal.

**7. Handling and Storage****Handling:**

Avoid contact with skin and eyes. See section 8 for information about precautions for use and personal protective equipment. The product is stable when used in accordance with the supplier's directions. Avoid heating and contact with ignition sources.

**Storage:**

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry, cool, well-ventilated area. Keep in tightly closed original packaging.  
Store at temperatures below 50 °C.

**8. Exposure Control/Personal Protection****Design of technical systems:**

Use the product under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Running water and eye wash equipment should be available.

**Respiratory protection:**

Usually, not required. In case of risk of formation of spray mist, wear respiratory protective equipment with P2 filter.

**Hand and body protection:**

Wear protective gloves made of nitrile rubber, natural rubber, neoprene rubber or butyl rubber.

**Eye protection:**

Wear safety goggles if there is a risk of eye splash.

**Occupational exposure limits:**

Substance	Exposure limit	Remarks
Oil, mist - mineral, severely refined	TWA: 1 mg/m <sup>3</sup>	OHS
Oil, mineral - mist	TWAEV: 5 mg/m <sup>3</sup> STEV 10 mg/m <sup>3</sup>	Ontario
Oil, mist - mineral	8-h TWA: 5 mg/m <sup>3</sup> 15- min STEL: 10 mg/m <sup>3</sup>	Alberta

TWA: time-weighted average STEL: short-term exposure limit

**Control methods:**

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

**9. Physical and Chemical Properties**

State: Solid substance

Solubility in water: Not soluble

Colour: Yellow-brown

Odour: Oily

Density: < 1 g/ml ( 25 °C)

**10. Stability and Reactivity**

<b>Chemical Stability</b> Stable Yes	<b>If no, under which conditions?</b> -
<b>Incompatibility with Other Substances</b> Yes	<b>If yes, which ones?</b> Strong oxidizing agents.
<b>Reactivity, and Under What Conditions?</b> None known	
<b>Hazardous Decomposition Products</b> None known	

## 11. Toxicological Information

### **Immediate effects**

#### **Inhalation:**

When heated the product emits vapor that may irritate the respiratory tract.

#### **Ingestion:**

May irritate mucous membranes in mouth and gastrointestinal tract.

#### **Skin contact:**

May be irritating to skin - may cause reddening.

#### **Eye contact:**

May be irritating to eyes. May cause a burning sensation and tearing.

#### **Sensitisation:**

Skin, respiratory: Not expected to cause sensitization.

### **Long-term effects**

#### **Cancer:**

IARC/ACGIH: None.

#### **Risk of damage to reproduction, teratogenicity and embryotoxicity:**

Not expected to cause reproductive effects.

#### **Risk of damage to the central nervous system:**

Not expected to cause CNS effects.

#### **Risk of damage to genes:**

Not expected to be a teratogen.

#### **Risk of irreversible damages:**

Synergistic effects: None known.

## 12. Ecological Information

Avoid discharge to drain or surface water.

#### **Ecotoxicity:**

By analogy to similar products, the product is not expected to be toxic to aquatic organisms.

#### **Mobility:**

The product contains a substance which is insoluble in water, and it will consequently spread on water surfaces.

#### **Degradability:**

Biodegradable.

## 13. Disposal Considerations

Unusable material should be properly drummed. Consult local, provincial, and federal agencies for proper methods of disposal. Do not contaminate water supply when disposing of wastes or containers.

## 14. Transport Information

The product is not covered by the rules for transport of dangerous goods by road and sea according to TDG and IMDG.

## 15. Regulatory Information

**WHMIS Symbol:**



**WHMIS Classification:**

D2B

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR* .

## 16. Other Information

**Sources:**

OHS Guidelines Part 5, Table of Exposure Limits for Chemical and Biological Substances, October 2009. Consult local authorities for acceptable exposure limits.

**Other information:**

This safety data sheet was prepared from information provided by the supplier about the product at the time of preparation (e.g. data sheets and the like).

CAS no. 92045-45-9, Lubricating oils (petroleum), hydrotreated solvent-refined bright stock-based, is not listed in DSL.