



# Material Safety Data Sheet

LGWA 2

## 1. Product and company identification

<b>Use:</b> Lubricant  For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-527-3887 (collect calls accepted)  Location: CHEMTREC 2900 Fairview Park Drive Falls Church VA 22042-4513 USA	Manufacturer/importer/distributor: <b>SKF MAINTENANCE PRODUCTS</b> <b>Postboks 1008</b> <b>NL-3430 Nieuwegein</b> <b>The Netherlands</b> <b>Tel: +31 30 6307200 Fax: +31 30 6307205</b> <b>Contact person: Sébastien David</b> <b>Email: sebastien.david@skf.com</b>
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## 2. Hazards identification

<b>EMERGENCY OVERVIEW</b> <b>Appearance/Odor:</b> A tan paste/Oily odor  <b>POTENTIAL HEALTH EFFECTS: See Section 11 for more information</b> <b>Likely Routes of Exposure:</b> Skin and eye contact  May cause slight irritation to skin and eyes. Contains Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide. May produce an allergic reaction. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  <b>POTENTIAL ENVIRONMENTAL EFFECTS: See Section 12 for more information</b> Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  <b>OSHA REGULATORY STATUS</b> This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
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## 3. Composition/Information on Ingredients

CAS No.	Component	w/w%
-	Unspecified baseoil	60-100
12001-85-3	Naphthenic acids, zinc salts	1-5
68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	0-1
91745-46-9	Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide	0,1-1

#### **4. First aid measures**

**By inhalation:**

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

**By ingestion:**

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. Seek medical advice in case of persistent discomfort.

**By skin contact:**

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

**By eye contact:**

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

**Other information:**

Bring the material safety data sheet or label when seeking medical advice. Symptoms: See section 11.

#### **5. Fire fighting measures**

Extinguish with powder, foam, carbon dioxide or water mist. Do not use a jet of water, as it may spread the fire. Use water or water mist to cool non-ignited inventory. Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke gases – seek fresh air. Product decomposes in fire, and toxic gases such as carbon oxides may be released.

#### **6. Accidental release measures**

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

#### **7. Handling and storage**

**Handling:**

Avoid contact with skin and eyes. See section 8 for information about precautions for use and personal protective equipment.

**Storage:**

Store at temperatures below 122°F. Do not store together with oxidizing agents. Store in a dry, cool, well-ventilated area. Keep in tightly closed original packaging. Do not expose to heat (e.g. sunlight).

### **8. Exposure controls/Personal protection**

**Engineering controls/general hygiene considerations:**

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:**

Not required. In case of heating and insufficient ventilation, wear an air-purifying respirator with filter A.

**Skin protection:**

Wear protective gloves made of nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often.

**Eye/face protection:**

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

**Occupational exposure limits:**

Contains no substances subject to disclosure requirements.

### **9. Physical and chemical properties**

Appearance: Tan

Odor: Oily

Odor threshold: N/A

Physical state: Paste

pH: 7

Melting/freezing point: N/A

Boiling point: N/A

Flash point: >302°F

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Specific gravity or relative density: 0,95 mg/ml

Solubility: Insoluble in water

Partition coefficient: n-octanol/water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Dropping point: 437°F

### **10. Stability and reactivity**

The product is stable when used in accordance with the supplier's directions. Reacts with strong oxidizing agents. Avoid heating and contact with ignition sources.

## 11. Toxicological information

### **Immediate effects**

#### **Inhalation:**

On warming/heating the emitted vapors may cause irritation to the upper airways. May cause coughing, nausea, vomiting and breathing difficulties.

#### **Ingestion:**

May irritate mucous membranes in mouth and gastrointestinal tract.

#### **Skin contact:**

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

#### **Eye contact:**

May cause eye irritation.

#### **Sensitisation:**

The product contains small amounts of Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P<sub>2</sub>O<sub>5</sub>), phosphorus sulfide (P<sub>2</sub>S<sub>5</sub>) and propylene oxide. Individuals with a known allergy may exhibit an allergic response to the product.

### **Long-term effects**

None known.

## 12. Ecological information

Avoid discharge to drain or surface water.

#### **Ecotoxicity:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **Mobility:**

The product contains a substance which is insoluble in water, and it will consequently spread on water surfaces. The product is predicted to have low mobility in soil and sediment.

#### **Degradability:**

Not readily degradable.

#### **Environmental information for the substances**

Naphthenic acids, zinc salts

Crustacea: Daphnia magna: 48hEC50= 4,6 mg/l

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Fish: Pimephales promelas: 96hLC50= 1 - 5mg/l

Crustacea: Daphnia magna: 48hEC50= 1 - 1,5mg/l

### 13. Disposal considerations

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

### 14. Transport information

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

### 15. Regulatory information

#### US Federal

**TSCA:** All ingredients are on the inventory or exempt from listing.

**CERCLA:** None of the ingredients are on the inventory.

#### SARA title III Rules

**Section 302:** None of the ingredients are on the inventory.

#### Section 311/312 Hazard classes:

Fire Hazard       Reactive Hazard       Release of Pressure       Acute Health Hazard       Chronic Health Hazard

**Section 313:** None of the ingredients are on the inventory.

#### State regulations

##### Proposition 65

Chemicals known to cause cancer:  
None of the ingredients are listed

Chemicals known to cause reproductive toxicity:  
None of the ingredients are listed

#### EU regulations

##### R-phrases:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R52/53)

##### S-phrases:

Avoid contact with skin and eyes. (S24/25)

Wear suitable gloves. (S37)

Avoid release to the environment. Refer to special instructions/safety data sheet. (S61)

##### Other information:

Contains Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide. May produce an allergic reaction.

## **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **NFPA ratings (scale 0 - 4)**

Health = 1  
Flammability = 1  
Reactivity = 0

### **HMIS III ratings (scale 0 - 4)**

Health hazard = 1  
Flammability = 1  
Physical hazard = 0

### **Sources used**

This MSDS has been prepared to comply with the provisions of ANSI Z 400.1-2004. The label text has been prepared to comply with the provisions of ANSI Z 129.1-2006

### **Key/Legend:**

N/A: Not available or not applicable.

This material 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).

Revision: 12-02-2013/  
Replaces: 25-03-2011

### **Changes have been made in the following sections:**

2, 11, 15