

# Material Safety Data Sheet

LGWM 1

## 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>
<b>Use:</b> Lubricant.	

## 2. Composition/Information on Ingredients

CAS No.	Designation	LD50 / LC50 of Ingredient	w/w%
92045-45-9	Lubricating oils (petroleum), hydrotreated solvent-refined bright stock-based Petroleum distillates	N/AV N/AV	30-40 60-70

## 3. Hazards Identification

<b>Routes of Entry:</b> Inhalation of mist.
<b>Potential Health and Environmental effects:</b> When heated or sprayed the product may emit mists that irritate the respiratory tract. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

## 4. First Aid Measures

<b>By inhalation:</b> Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>By ingestion:</b> Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice in case of persistent discomfort.
<b>By skin contact:</b> In case of irritation: Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>By eye contact:</b> In case of irritation: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<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. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal. Wipe up minor spills with a cloth.

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

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 in a dry, cool, well-ventilated area. Do not store together with oxidizing agents. Keep in tightly closed original packaging.

**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:**

When skin contact is prolonged: Plastic or rubber gloves recommended.

**Eye protection:**

Usually not required. 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: Paste  
Colour: Orange  
Odour: Oily  
Density: < 1 g/ml

Solubility in water: Not soluble

**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:**

Inhalation of spray mist may cause irritation to the upper airways.

#### **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:**

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 mutagen.

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

Synergistic products: 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:**

Contains substances which are not readily degradable.

## 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:**

Not Classified.

**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 DLS