

Material Safety Data Sheet

LGWA 2

1. Product and Company Identification

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

2. Composition/Information on Ingredients

CAS No.	Designation	LD50 / LC50 of Ingredient	w/w%
12001-85-3	Lubricating oils (petroleum)	N/AV	60-100
92045-45-9	Naphthenic acids, zinc salts	LD50 oral rat = 4920 mg/kg	1-3
	Lubricating oils (petroleum), hydrotreated solvent-refined bright stock-based	N/AV	10

3. Hazards Identification

<p>Routes of Entry: Eye and skin contact. Inhalation of mist.</p> <p>Potential Health and Environmental effects: May be irritating to eyes and skin. When heated or sprayed the product may emit mists that irritate the respiratory tract. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>

4. First Aid Measures

<p>By inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.</p> <p>By ingestion: 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.</p> <p>By skin contact: Remove contaminated clothing, watch and jewellery. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.</p> <p>By eye contact: Flush immediately with water (preferably using eye wash equipment) for at least 10 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.</p> <p>Other information: When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.</p>

5. Firefighting Measures

Flammability		If yes, under which conditions?
No		-
Means of Extinction		
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.		
Flashpoint (°C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
> 150 °C, Method: N/AV	N/AV	N/AV
Autoignition Temperature (°C)	Explosion Data - Sensitivity to Impact	Explosion Data - Sensitivity to Static Discharge
N/AV	N/AV	N/AV
Hazardous Combustion Products		
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/face protection.

Occupational exposure limits:

Substance	Exposure limit	Remarks
Oil, mist - mineral, severely refined	TWA: 1 mg/m ³	OHS
Oil, mineral - mist	TWAEV: 5 mg/m ³ STEV 10 mg/m ³	Ontario
Oil, mist - mineral	8-h TWA: 5 mg/m ³ 15- min STEL: 10 mg/m ³	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 Solubility in water: Not soluble
 Colour: Yellow-brown
 Odour: Oily
 Density: < 1 g/ml (25 °C)

10. Stability and Reactivity

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

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.

Degradability:

Not readily 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 specified on any list.