



# SAFETY DATA SHEET

Material safety data sheet

## LGWM 1

Last changed: 2006-03-22

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

**TRADE NAME** LGWM 1  
**APPLICATION** SKF extreme pressure low temperature grease.

**Supplier**  
**Company** SKF Maintenance Products  
**Address** Postbus 1008  
**Postal code** NL-3430 BA Nieuwegein  
**Country** The Netherlands  
**Telephone** +31 30 6307200  
**Fax** +31 30 6307205  
**Contact person** Sébastien David  
**e-mail** sebastien.david@skf.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Ingredient name	EC No.	CAS No.	Conc. (wt %)	R-List	Classification
1	Baseoil-unspecified	-	-	60 - 100 %		No classification required

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Carc. = Carcinogenic, Mut. = Mutagenic, Repr. = Reproductive

#### INGREDIENT COMMENTS

Note L:

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

### 3. HAZARDS IDENTIFICATION

#### HEALTH

May be irritating to eyes.  
Prolonged or frequently recurrent contact will degrease the skin and may cause skin irritation.

#### FIRE AND EXPLOSION

Not flammable, but combustible.

#### ENVIRONMENT

Oil products may cause ground and water pollutants.

### 4. FIRST AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Seek medical advice if symptoms develop.

#### SKIN CONTACT

Immediately flush contaminated skin with soap or mild detergent and water. Immediately remove soaked clothing and flush the skin with water. Use appropriate hand lotion to prevent degreasing and cracking of skin. Seek medical advice if irritation persists.

#### EYE CONTACT

Immediately flush eyes with plenty of water while holding eye lids open. Remove any contact lenses and continue rinsing with water for at least 15 minutes (keep the eyelids open). Seek medical advice if irritation persists.

#### INGESTION

**DO NOT INDUCE VOMITING!** If vomiting occurs, keep head low so that stomach contents do not enter lungs. Thoroughly rinse the mouth with water. Drink a few glasses of water or milk. Seek medical advice.



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**5. FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Extinguishing agent: carbon dioxide, powder, foam, water spray or water mist.

**IMPROPER EXTINGUISHING MEDIA**

Do not use a direct water stream which may spread the fire.

**EXTINGUISHING METHODS**

Remove containers from fire area if this can be done without risk. Use water to cool exposed containers. If possible, fight the fire from a protected location.

**FIRE AND EXPLOSION HAZARDS**

Not flammable, but combustible. Carbon monoxide and hydrocarbons are released in a fire situation.

**PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS**

General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.

**6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Provide good ventilation.  
Avoid contact with the skin, eyes and airways.  
Wear necessary protective equipment. Keep the emission away from sources of ignition.

**ENVIRONMENTAL PRECAUTIONS**

Must not be released into the sewage system, drinking water supply or ground.

**METHODS FOR CLEANING UP**

Dry, scrape or absorb the product with inert material and place it in a refuse container. Collect and dispose of materials in closed and labelled containers at an approved disposal or waste collection facility. Clean with soap and water or detergent. Flush clean with plenty of water. Be aware of the risk of slippery surfaces.

**7. HANDLING AND STORAGE**

**HANDLING ADVICE**

Provide good ventilation. Avoid contact with the skin and eyes. Wear necessary protective equipment. Keep away from sources of ignition.

**STORAGE**

Keep in a dry, cool and well-ventilated area. Keep in original container. Keep containers tightly closed. Store at temperatures below 50 °C. Avoid contact with oxidising substances. Keep away from sources of ignition.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**EXPOSURE CONTROL**

Provide good ventilation. Wash the skin at the end of each work shift and before eating, smoking and using restroom facilities. Eye wash facilities and safety shower must be available when handling this product.

**RESPIRATORY PROTECTION**

Respiratory protective equipment is usually not necessary. In case of insufficient ventilation, wear respiratory protective equipment with A/P2 filter.

**EYE PROTECTION**

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

**HAND PROTECTION**

Protective gloves (nitrile rubber, Viton®).

**PROTECTIVE CLOTHING**

Wear suitable protective clothing.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Paste.  
**Colour** Orange.  
**Odour** Mineral oil.  
**Water solubility** Insoluble in water.

### Physical and chemical parameters

Parameter	Value / Unit	Method	Note
Flash point	> 150 °C		
Density	< 1 g/cm <sup>3</sup>	25 °C	

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under recommended storage and handling conditions.

### CONDITIONS TO AVOID

Avoid heat, sparks and naked flames.

### MATERIALS TO AVOID

Avoid contact with oxidising substances.

## 11. TOXICOLOGICAL INFORMATION

### INHALATION

On warming/heating, the vapours emitted may cause irritation to the respiratory organs. May cause coughing and breathing difficulties.

### SKIN CONTACT

Prolonged or frequently recurrent contact will degrease the skin and may cause skin irritation.

### EYE CONTACT

May cause moderate irritation/smartering.

### INGESTION

May cause irritation of the mucous membranes, nausea and vomiting.

## 12. ECOLOGICAL INFORMATION

### MOBILITY

Insoluble in water. The product floats on water.

### DEGRADABILITY

Not readily biodegradable.

### OTHER EFFECTS

Oil products may cause ground and water pollutants.

### CONCLUSION

Must not be released into the sewage system, drinking water supply or ground.

## 13. DISPOSAL CONSIDERATIONS

### GENERAL REGULATIONS

Treat as hazardous waste. Collect and dispose of materials in closed and labelled containers at an approved disposal or waste collection facility. Empty packages must be handled in an environmentally safe manner in accordance with applicable laws and regulations.

### CATEGORY OF WASTE

The EWC code is a suggestion only; the end user will select a suitable EWC code. 12 01 12\* spent waxes and fats



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## 14. TRANSPORT INFORMATION

**Classified as Dangerous Goods:**

Yes

No

N/A

### OTHER INFORMATION

Not classified as dangerous goods.

## 15. REGULATORY INFORMATION

**EC-Label**

Yes

No

N/A

### COMPOSITION

Baseoil-unspecified (60 - 100 %)

### S-PHRASES

S24/25 Avoid contact with skin and eyes.

S37 Wear suitable gloves.

### REFERENCES

Directive 1999/45/EC.

Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances.

Directive 2001/58/EC (91/155/EEC).

European Waste Catalogue (EWC 2002).

Occupational exposure limits (EH40/2006)

Transport of dangerous goods: ADR, RID, IMDG and IATA.

## 16. OTHER INFORMATION

**ISSUED:**

22/03/2006