



SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

Last changed: 12/11/2008

Internal No:

Replaces date:

LGWM 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME LGWM 2
TYPE OF USE SKF extreme pressure wide temperature range grease

National manufacturer/importer

Enterprise SKF Maintenance Products
Address Postbus 1008
Postal code NL-3430 BA Nieuwegein
Country The Netherlands
Telephone +31 30 6307200
Fax +31 30 6307205

Name	E-mail	Tel. (work)	Country
David Sébastien	sebastien.david@skf.com	+ 31 30 6307200	The Netherlands

Emergency Phone	Type of assistance	Opening Hours
(+44) 08 45 46 47	NHS Direct	Available 24 hours

2. 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

No	Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
1	synthetic hydrocarbon oil		-	-	60 - 100 %	No classification required
2	alkylated diphenylamines		270-128-1	68411-46-1	< 1 %	N,R51/53

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

INGREDIENT COMMENTS

The complete text of the R-phrases mentioned in section 3 is stated in section 16.

4. FIRST AID MEASURES

INHALATION

Provide rest, warmth and fresh air. Seek medical advice if symptoms develop.

SKIN CONTACT

Wash skin with soap and 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.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire may be extinguished using powder, foam or carbon dioxide (CO₂).



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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.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

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.

STORAGE

Keep in a dry, cool and well-ventilated area. Keep containers tightly closed. Keep in original container. Keep away from sources of ignition. Store separately from oxidising materials.

8. EXPOSURE CONTROLS/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 (chloroprene rubber, nitrile rubber).

PROTECTIVE CLOTHING

Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste.
Colour	Brown.
Odour	Characteristic.
Water solubility	Insoluble in water.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
Melting point	> 290 °C		
Flash point	> 300 °C	ASTM E 659	



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Density	0,9 g/cm ³	15 °C	
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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.

SKIN CONTACT

Prolonged or frequently recurrent contact will decrease the skin and may cause skin irritation. May cause inflammation of the skin (dermatitis). In case of injection under the skin caused by spraying pistol, wounds must be cleaned thoroughly; if necessary surgical excision.

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

Biodegradable.

ACCUMULATION

Bioaccumulation improbable.

OTHER EFFECTS

Oil products may cause ground and water pollutants.

CONCLUSION

Biodegradable.

Bioaccumulation improbable.

Prevent discharge to the sewage system, waterways or lakes.

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

14. TRANSPORT INFORMATION

Classified as Dangerous Goods:

Yes

No

Not assessed

OTHER INFORMATION



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Not classified as dangerous goods.

15. REGULATORY INFORMATION

EC-Label



No



Yes



Not assessed

COMPOSITION

synthetic hydrocarbon oil (60 - 100 %), alkylated diphenylamines (< 1 %)

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.

Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (2008).

European Waste Catalogue (EWC 2002).

Occupational exposure limits (EH40/2005)

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

16. OTHER INFORMATION

LIST OF RELEVANT R-PHRASES

Nr.

R51/53

R-Phrase text

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

ISSUED:

12/11/2008