



SAFETY DATA SHEET

LGWA 2

Last changed: 29/03/2011

Replaces date: 10/12/2010

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

TRADE NAME LGWA 2
APPLICATION AREA Fat.

NATIONAL MANUFACTURER/IMPORTER

Enterprise SKF Maintenance Products
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CONTACT PERSONS

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2. HAZARDS IDENTIFICATION

GENERAL

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

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

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
zinc dialkyl dithiophosphate		272-028-3	68649-42-3	< 1 %	Xi,N,R36 - R38 - R51/53
zinc naphtenate		234-409-2	12001-85-3	1 - 5 %	Xi,N,R36/38 - R51/53
amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide		294-716-2	91745-46-9	0,1 - 0,3 %	Xn,N,R22 - R41 - R43 - 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

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

SKIN CONTACT

Wash skin with soap and water. Remove contaminated clothing. Use appropriate hand lotion to prevent degreasing and cracking of skin. Seek medical advice if irritation persists.



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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

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

Use water to cool exposed containers. Remove containers from fire area if this can be done without risk. 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

Stop leak if this can be done without risk. 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 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.



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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Paste.

COLOUR Tan.

ODOUR Mineral oil.

WATER SOLUBILITY Insoluble in water.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
Flash point	> 150.00 °C		
Density	< 1.00 g/cm ³	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, headache, nausea, vomiting 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/smarting.

INGESTION

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

SENSITISATION

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



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12. ECOLOGICAL INFORMATION

ACUTE AQUATIC TEST RESULTS

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

MOBILITY

Insoluble in water. The product floats on water.

In the event of spillage on the ground, the product will be adsorbed to earth particles.

DEGRADABILITY

Not readily biodegradable.

ACCUMULATION

No information available

OTHER EFFECTS

Oil products may cause ground and water pollutants.

CONCLUSION

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

Not readily biodegradable.

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

OTHER INFORMATION

German water pollution classification (WGK): 1 Water pollutant.

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. 13 02 08* other engine, gear and lubricating oils

Waste product number: 7021 Oily and greasy waste.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: No

15. REGULATORY INFORMATION

EC-Label: No

COMPOSITION

zinc dialkyl dithiophosphate (< 1 %), zinc naphthenate (1 - 5 %), amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide (0,1 - 0,3 %)

R-PHRASES

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



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S-PHRASES

S24/25 Avoid contact with skin and eyes.

S37 Wear suitable gloves.

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

OTHER LABELLING PHRASES

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

REFERENCES

Directive 1999/45/EC.

Annex VI to Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Dangerous Substances.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

European Waste Catalogue.

Transport of dangerous goods: ADR, RID, IMDG and IATA.Occupational exposure limits (EH40/2005).

16. OTHER INFORMATION

LIST OF RELEVANT R-PHRASES

R22	Harmful if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ISSUED: 09/05/2006