



# SAFETY DATA SHEET

Material safety data sheet

LGMT 3

Last changed: 2006-02-24

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**TRADE NAME** LGMT 3  
**APPLICATION** All-purpose industrial and automotive 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
2	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	270-128-1	68411-46-1	0,15 %		N,R51/53
3	Zinc dialkyldithiophosphate	-	-	0,27 %		N,R51/53
4	Zinc Naphtenate	234-409-2	12001-85-3	1,7 %		N,R51/53

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

The complete text of the R-phrases mentioned in section 2 is stated in section 16.

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, alcohol-resistant 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.

**ENVIRONMENTAL PRECAUTIONS**

Prevent discharge to the sewage system, waterways 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. Wear necessary protective equipment. Keep away from sources of ignition. Take precautionary measures against static discharges.

**STORAGE**

Stored in a well-ventilated area away from sources of ignition. Store at room temperature. Keep in original container.

**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 (butyl rubber, nitrile rubber, Viton<sup>®</sup>, 4H).

**PROTECTIVE CLOTHING**

Wear suitable protective clothing.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Paste.  
**Colour** Amber.  
**Odour** Mild.  
**Water solubility** Insoluble in water.

### Physical and chemical parameters

Parameter	Value / Unit	Method	Note
Flash point	> 220 °C	ASTM D 93 / Base Oil	
Auto-ignition temp.	> 350 °C	ASTM D 659	
Decomposition temp.	> 350 °C		
Density	0,95 g/cm <sup>3</sup>		
Drop point	> 180 °C 566	ASTM D	
N.L.G.I Penetration	3 ASTM D 217		

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under recommended storage and handling conditions.

### CONDITIONS TO AVOID

Keep away from sources of ignition. Avoid temperatures above 350 °C. Static electricity and formation or sparks must be prevented.

### MATERIALS TO AVOID

Avoid contact with oxidising substances, strong acids and strong bases.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxic test results

Route of exposure	Value / Unit	Species	Exp. time	Note
Oral LD50	> 2000 mg/kg	Rat		

### 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

### Acute aquatic test results

Test	Value / Unit	Test method	Exp. time	Species
Acute Fish LC50	> 100 mg/l			

### MOBILITY

Insoluble in water.

### DEGRADABILITY

Not readily biodegradable.

### OTHER EFFECTS

Oil products may cause ground and water pollutants.

### CONCLUSION

Prevent discharge to the sewage system, waterways or lakes.



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## 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.

## 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 %), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (= 0,15 %), Zinc dialkyldithiophosphate (= 0,27 %), Zinc Naphtenate (= 1,7 %)

### S-PHRASES

S24/25 Avoid contact with skin and eyes.

S37/39 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

### LIST OF RELEVANT R-PHRASES

No.	R-Phrase text
R45	May cause cancer.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ISSUED:

24/02/2006