MATERIAL SAFETY DATA SHEET

PRODUCT CODE LGMT 3 **DATE ISSUED: January 1, 1998**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identity (As Used on Label and List):	SKF Grease LGMT 3
Product Code: LGMT 3	Product Use: Bearing lubricant
Trade Name and Synonyms:	LGMT 3/0.4; 3/1; 3/5; 3/18; 3/50; 3/180
Manufacturer's Name and Address:	SKF Maintenance Products P.O.Box 1008 3430 BA Nieuwegein The Netherlands
Supplier's Name and Address:	SKF USA Inc., 1510 Gehman Road Kulpsville, PA 19443
Emergency Telephone Number:	Chemtrec: 1 (800) 424-9300
Telephone Number for Information:	SKF Bearing Services Co.: 1 (610) 962-4300
Date Prepared/Issued:	January 1, 1998

2. COMPOSITION/INFORMATION ON INGREDIENTS

The criteria for listing components in the composition section are as follows: carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. This is not intended to be a complete compositional disclosure.

Chemical Name	CAS Number	% by Weight	OSHA PEL	ACGIH TLV	Note
Hydrocarbon oils		>85%	TWA 5mg/m^3 (Oil Mist)	TWA 5mg/m^3 STEL 10mg/m^3 (Oil Mist)	Misting of the base oils in this grease is unlikely to occur in normal use.
Sodium nitrite	7632-00-0		NA	NA	
2, 6-di-terbutyl-4-methyl-phenol	128-37-0		NA	TWA 10mg/m^3	
Zinc dinonylnaphthalene sulphonate	28016-00-4		NA	NA	
Zinc dinonyldithiophosphate			NA	NA	
Benzotriazol	95-14-7		NA	NA	

3. HAZARDS IDENTIFICATION

Potential health hazard: WARNING! Harmful if swallowed, contains sodium nitrite. May cause eye and skin irritation.

Primary routes of entry: Eye and skin contact.

Target organs: Eye and skin.

Medical conditions aggravated by exposure: Preexisting skin disorders.

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Potential Health Effects:

Inhalation:	Negligible hazard at normal temperature and handling. Elevated temperatures or mechanical action may form vapors, mists, or fumes which may be irritating to the eyes, nose, throat and lungs.
Eye contact:	Eye contact may cause stinging and irritation.
Skin contact:	Excessive or prolonged skin contact may lead to skin irritation.
Ingestion:	Ingestion of small quantities are not expected to have any effect, however, large quantities may cause nausea.
Chronic:	No data available.
Carcinogenicity:	No data available.

4. FIRST AID MEASURES

Eye contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical aid.
Skin contact:	In case of contact, wash skin with soap and water. Remove contaminated clothing. Seek medical aid if irritation persists. Wash clothing before reuse. Consult a physician immediately if the grease is injected under the skin from the misuse of high pressure greasing equipment.
Ingestion:	If swallowed, DO NOT induce vomiting. Give large quantities of water. Seek medical aid immediately. Never give anything by mouth to an unconscious person.
Inhalation:	Remove to fresh air. Treat symptoms. If irritation develops, get medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash point:	>392°F (COC)
Lower flammable limit:	Not available.
Upper flammable limit:	Not available.
Auto-ignition temperature:	Not available.
Fire & explosion hazards:	Combustible material, low hazard. The grease can form flammable mixtures or can burn only on heating above the flash point. However, minor contamination by hydrocarbons of higher volatility may increase the hazard.
Decomposition products:	Smoke and carbon monoxide in the event of incomplete combustion.

Extinguishing Media

Use foam, dry chemical powder (preferred) or carbon dioxide.

Fire-Fighting Instructions

Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.

NFPA RATINGS: Health = 1 Flammability = 1 Reactivity = 0

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Hazard Rating Scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent and place into suitable container. Spilled product may make floor slippery; spills should be cleaned up immediately to prevent falls.

Prevent entry into sewers and waterways.

7. HANDLING AND STORAGE

Handling: Warning. High pressure greasing equipment is capable of injecting grease under the skin. Such apparatus should be handled with care. If the product is injected under the skin, severe health consequences can result.

Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

Do not heat above flash point (392°F). Keep containers closed. Handle and open containers with care to prevent leakage or spillage.

Avoid contact with eyes, skin and clothing. Avoid breathing mist/vapor if generated. Use with adequate ventilation. Wash thoroughly after handling. Do not ingest.

Storage: Store the product as a mineral oil product in cool (between 32°F and 104°F), well-ventilated surroundings, well away from sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Eye/face protection:	Safety glasses/goggles with side shields.
Skin protection:	Neoprene or nitrile gloves, other protective clothing as needed if prolonged/repeated skin contact.
Respiratory protection:	Respiratory protection if exposure limits may be exceeded.

Engineering Controls: Use local exhaust ventilation where mist or spray may be generated.

Work Practices: An eye wash station should be accessible in the immediate area of use. Wash areas of skin contaminated with this product thoroughly with soap and water soon after exposure. Do not allow this product to remain on skin for prolonged periods.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Amber paste, with mild odor

Boiling Point:	Not available	Solubility in Water:	Negligible
Vapor Pressure:	Not available	Specific Gravity: (Water = 1)	.85 - .95g/cm^3
Vapor Density: (Air = 1)	Not available	pH:	7.0
Freezing Point:	Not available	Dropping Point:	374°F

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Do not expose to extreme temperature.

Incompatibility: Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

Hazardous Decomposition Products: Fumes, smoke, carbon monoxide, metal oxides in the case of incomplete combustion.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

On Product: No information available on the formulated product.

On Ingredients: No information available on the individual ingredients.

12. ECOLOGICAL INFORMATION

On Product: Products containing mineral oils and additives are, in general, regarded as environmentally hazardous because these ingredients are not easily degradable. Contamination during use might increase this hazard.

13. DISPOSAL CONSIDERATIONS

RCRA Status: Discarded product, as sold, would not be considered a RCRA Hazardous Waste.

Disposal: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Classification: Not regulated.

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15. REGULATORY INFORMATION

OSHA Hazardous Communication Status Hazardous

TSCA: The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA:

Chemical Name	CASE #	RQ
Zinc	7440-66-6	1000 lb.

SARA Title III:

Section 302 Extremely Hazardous Substances: No ingredients in this section.

Section 311 and 312 Health and Physical Hazards:

Immediate	Delayed	Fire	Pressure	Reactivity
[YES]	[NO]	[NO]	[NO]	[NO]

Section 313 Toxic Chemicals: No ingredients in this section.

Chemical Name	CAS #	RQ	RPQ
Zinc % by Weight: Not Available	7440-66-6	Not Available	Not Available

16. OTHER INFORMATION

HMIS RATINGS: Health = 1 Flammability = 1 Reactivity = 0

Hazard Rating Scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

MSDS Revision Summary: First issue prepared in accordance with ANSI Z400.1-1993. This MSDS supersedes all previous MSDS's for this product.

Source of Key Data: The recommendations presented in this Material Safety Data Sheet were obtained from SKF's suppliers. The suppliers had complied actual test data (when available), comparison with similar products, component information from their suppliers, and from recognized good practice.

Disclaimer: The information and recommendations contained herein are to the best of SKF Maintenance Products' knowledge and belief, accurate and reliable as of the date issued, but offered without any guarantee or warranty.