



SAFETY DATA SHEET

Material safety data sheet

LGET 2

Last changed: 2006-02-13

1. IDENTIFICATION OF PRODUCT AND COMPANY

TRADE NAME LGET 2
APPLICATION Extreme 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 %)	Classification
1	Perfluoropolyether			60-100 %	No classification required
2	Polytetrafluoroethylene			20 - 40 %	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

Contains no dangerous substances exceeding the individual limits laid down in the EU Dangerous Preparations Directive (88/379/EEC).

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

Not regarded as dangerous to the environment.

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. Hydrogen fluoride may be emitted if the product is heated.

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.

STORAGE

Keep in a dry, cool and well-ventilated area. 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).



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Paste.
Colour White.
Water solubility Insoluble in water.

Physical and chemical parameters

Parameter	Value / Unit	Method	Note
Boiling point	300 - 400 °C	53 Pa	
Density	1,9 g/cm ³	20 °C	
Viscosity	400 mm ² /s	DIN EN ISO 3104 / 40 °C	

10. STABILITY AND REACTIVITY

STABILITY

Stable under recommended storage and handling conditions.

CONDITIONS TO AVOID

Avoid heat, sparks and naked flames. Avoid temperatures above 290 °C.

MATERIALS TO AVOID

Strong acids. Alkali metals. Powdered metal. (Aluminium., Zinc., Titanium.)

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen fluoride may be emitted if the product is heated.

11. TOXICOLOGICAL INFORMATION

Acute toxic test results

Route of exposure	Value / Unit	Species	Exp. time	Note
Oral LD50	> 7000 mg/kg	Rat		
Dermal LD50	> 17900 mg/kg	Rabbit		

INHALATION

Non-volatile.

Hydrogen fluoride may be emitted if the product is heated. May cause serious irritation of the respiratory tract, coughing, corrosion lesions 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	= 1300 mg/l		96h	Zebra fish

AQUATIC ECOTOXICITY

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

DEGRADABILITY

Not readily biodegradable.

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

Perfluoropolyether (60 - 100 %), Polytetrafluoroethylene (20 - 40 %)

S-PHRASES

S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves.

S41 In case of fire and/or explosion do not breathe fumes.

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:

13/02/2006