

SKF Food Grade Lubricants

General purpose grease

LGFP 2

SKF LGFP 2 is a clean, non-toxic bearing grease, which is based on medical white oil using an aluminium complex soap.

- High resistance to water
- Excellent grease life
- Excellent corrosion resistance
- An essentially neutral pH value
- NSF H1 registered and Halal and Kosher certified

Typical applications

- Multi-pack cassette bearings
- Wrapping machines
- Conveyor bearings
- Bottling machines



Available pack sizes

Packsize	Designation
420 ml cartridge	LGFP 2/0.4
1 kg can	LGFP 2/1
18 kg pail	LGFP 2/18
180 kg drum	LGFP 2/180



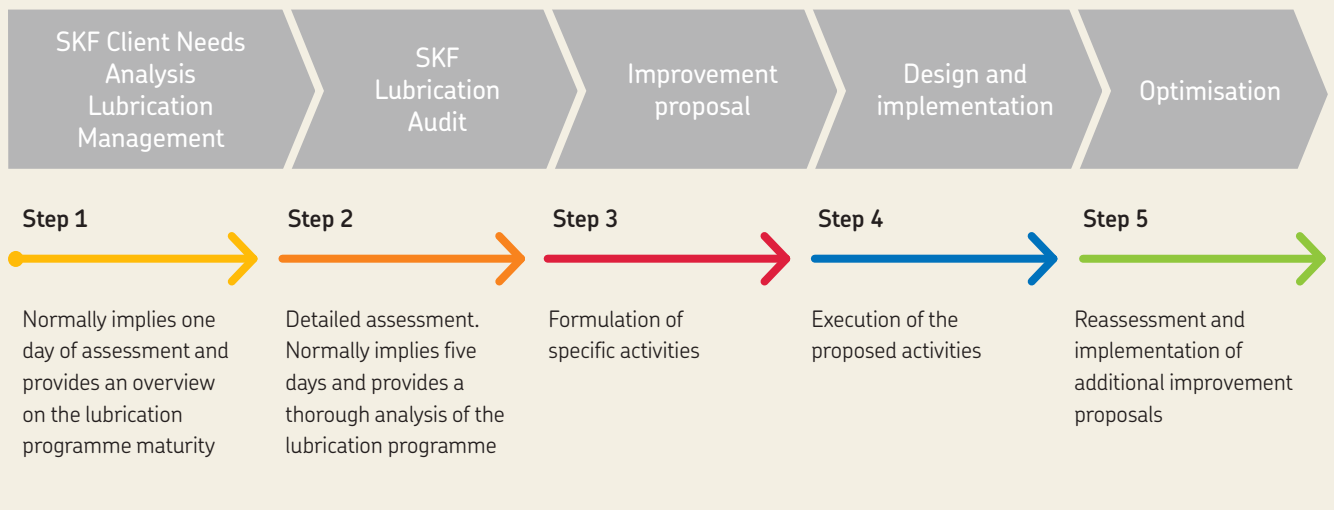
Technical data

Designation	LGFP 2/(pack size)		
NLGI consistency class	2	Corrosion protection	
DIN 51825 code	K2G-20	Emcor: – standard ISO 11007	0–0
Colour	Transparent	Water resistance	
Soap type	Aluminium complex	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Base oil type	Medical white oil	Oil separation	
Operating temperature range	–20 to +110 °C (–5 to +230 °F)	DIN 51 817, 7 days at 40 °C, static, %	1–5
Dropping point DIN ISO 2176	>250 °C (>480 °F)	Rolling bearing grease life	
Base oil viscosity		ROF test	
40 °C, mm ² /s	150	L ₅₀ life at 10 000 r/min., hrs	1 000 at 110 °C (230 °F)
100 °C, mm ² /s	15,3	EP performance	
Penetration DIN ISO 2137		4–ball test,	
60 strokes, 10 ⁻¹ mm	265–295	welding load DIN 51350/4, N	1 100 min.
100 000 strokes, 10 ⁻¹ mm	+60 max.	Shelf life	2 years
		NSF Reg. No.	128004

These characteristics represent typical values.

Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



skf.com | skf.com/lubrication | mapro.skf.com

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Safety Data Sheet

LGFP 2

Replaces date: 09/03/2020

Revision date: 03/05/2021

Version: 2.4.0

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Trade name: LGFP 2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Lubricant

1.3. Details of the supplier of the safety data sheet

Supplier

Company: SKF MPT
Address: Meidoornkade 14
Zip code: 3992 AE
City: AE Houten
Country: NETHERLANDS
E-mail: sebastien.david@skf.com
Phone: +31 30 6307200
Homepage: www.skf.com

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

Most serious harmful effects: May cause slight irritation to the skin and eyes.

2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Contains no substances subject to reporting requirements

Ingredient comments: The mineral oils in the product contain <3% DMSO extract(IP 346).

SECTION 4: First aid measures

Safety Data Sheet

LGFP 2

Replaces date: 09/03/2020

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4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Not flammable, but combustible. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Nitrous gases/ Sulphur oxides/ Phosphorous oxides/ Aldehydes/ Ketones.

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear safety goggles if there is a risk of eye splash. Wear gloves.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

Safety Data Sheet

LGFP 2

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Do not store with the following: Acids/ Oxidisers. Store frost-free. Do not expose to heat (e.g. sunlight). Storage temperature: 0 - 40 °C.

Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, hand protection: Plastic or rubber gloves recommended.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste
Colour	Yellow
Odour	Characteristic
Solubility	Insoluble in the following: Water.
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising.

Safety Data Sheet

LGFP 2

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Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	> 250 °C	(1013 hPa)
Freezing point	No data	
Initial boiling point and boiling range	> 250 °C	(1013 hPa)
Flash Point	> 200 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	~ 0,93 g/cm ³	(20 °C) DIN 51757
VOC (Volatile organic compounds):	<3 %	

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Acids/ Oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid direct sunlight. Avoid temperatures < 0°C.

10.5. Incompatible materials

Acids/ Oxidisers.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Nitrous gases/ Sulphur oxides/ Phosphorous oxides/ Aldehydes/ Ketones.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Safety Data Sheet

LGFP 2

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Acute toxicity - oral:	The product does not have to be classified. Test data are not available. Ingestion of large quantities may cause discomfort.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	The product does not have to be classified. Test data are not available. May cause slight irritation.
Serious eye damage/eye irritation:	The product does not have to be classified. Test data are not available. Temporary irritation.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

LGFP 2

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Brachydanio rerio		96hLC50	> 100mg/l			
Crustacea	Daphnia magna		48hEC50	> 100mg/l			
Algae			96hErC50	> 100mg/l			
Algae			96hEbC50	> 100mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

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12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

German water pollution classification (WGK): 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

Category of waste: EWC code: Depends on line of business and use, for instance 12 01 12* spent waxes and fats

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

SECTION 14: Transport information

14.1. UN-No.: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

Other Information: The product is not covered by the rules for transport of dangerous goods.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions: None.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes

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LGFP 2

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2.4.0	03/05/2021	Bureau Veritas HSE - DOL	1, 7-9, 12-14, 16
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Abbreviations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Other Information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method:

Calculation based on the hazards of the known components.

Document language:

GB



August 17, 2007

Mr. Sébastien David
SKF MAINTENANCE PRODUCTS
KELVINBAAN 16/P.O. BOX 1008
3430 BA, NIEUWEGEIN
THE NETHERLANDS

RE: LGFP 2
Category Code: H1
NSF Registration No. 128004

Dear Mr. Sébastien David:

NSF has processed the application for Registration of **LGFP 2** to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2007), which are available at www.nsfwhitebook.org. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.

NSF Registration of this product is current when the NSF Registration Number, Category Code, and Registration Mark appear on the NSF-approved product label, and the registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website (www.nsfwhitebook.org). The NSF Registration Mark can be downloaded by clicking the "Download Registration Mark" link on the NSF website (www.nsfwhitebook.org).

NSF Listing of all registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF web site, at www.nsfwhitebook.org. Changes in formulation or label, without the prior written consent of NSF, will void registration, and will supersede the on-line listing.

Sincerely,

Jennifer De France
NSF Nonfood Compounds Registration Program

Company No: N13083

CERTIFICATE

Page 1 of 1 | Cert.-No.: C-17-60088-01-07



Office (Germany): HALAL CONTROL, D-65428 Ruesselsheim, Stahlstr. 44, Tel.: +49 6142 301987-0, Fax: -29, http://www.halalcontrol.eu, e-mail: info@halalcontrol.eu

HALAL CONTROL حلال كـنـتـرول
شركة لترخيص الحلال (Germany) Halal Certification Body
hereby certifies that the products: تشهد بأن المنتجات أدناه

Pos Product

001 SKF LGFP 2

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المصنـع لشركة manufactured for

SKF MPT

Meidoornkade 14, 3992 AE Houten (The Netherlands)

تحقق معايير الحلال. are Halal.

A HALAL CONTROL conformity assessment, documented in an audit report, has verified that the above listed products are complying with the Halal requirements in accordance with the Islamic Law.

Technical notice: The verification and certification have been undertaken according to HALAL CONTROL certification scheme HC-SE-01. The products and the production system are under supervision of HALAL CONTROL.

إن نظام مراقبة الحلال والموثق في تقرير المعاينة قد أثبت أن المنتجات المذكورة أعلاه تحقق معايير الحلال الشرعية. ملاحظة تقنية: إن عملية الفحص والتدقيق تمت طبقاً للنظام رقم 1 للترخيص، المعتمد لدى حلال كـنـتـرول. وتقوم شركة حلال كـنـتـرول بمراقبة عملية التصنيع والمنتجات.

Category code:

Certificate Registration No.:

Valid from:

Valid until:

L

C-17-60088-01-07

2021-11-03

2022-12-16

رمز الصنف

رقم سجل الشهادة

تبدأ صلاحية الشهادة

وتنتهي صلاحيتها



Mahmoud Tatari
General Manager

م. محمود ططري
المدير العام

This Halal certificate has been authorized by the HALAL CONTROL Certification Decision Committee (HC CDC).

HALAL CONTROL is recognized and appointed by:

JAKIM Malaysia, BPJPH Indonesia, MUIS Singapore, CICOT & HIT Thailand, GCC countries and other reputable Halal authorities.

★ ★ ★ Certificate Validity Status: info@halalcontrol.de ★ ★ ★

NOTE: THIS CERTIFICATE HAS BEEN GENERATED ELECTRONICALLY. WE MAY ISSUE AN ORIGINAL PAPER CERTIFICATE UPON REQUEST.



ISRAELITISCHE
RELIGIONSGEMEINSCHAFT
WÜRTEMBERGS

Rabbinat für die
Zweigstellen

Hospitalstr. 36 70174
Stuttgart, Germany

**תעודת
כשרות
KOSCHER
ZERTIFICATE
Kosher
Certificate**

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בס"ד,

Firma: **SKF MPT**
**(Maintenance Products, Power
Transmission and Tools & Equipment)**
Houten, The Netherlands.

The products names:

SKF LGFP 2

הנני מאשר כי בדקתי את הרכיבים, תהליך היצור
ואריזה של המוצרים המפורטים מעלה והמוצרים ע"י
חברת **SKF MPT** (The Netherlands)

אשר על כן המוצרים בחזקת **כשר – פרוה**
לכל ימות השנה.

תוקף התעודה לשנתיים בלבד.

רב מרדכי מארק פבלובסקי, אסלינגן, גרמניה.

כ"א תמוז ה'תשפ"א

I hereby certify that I inspected the ingredients,
production and packing process of all above
products that marketed by **SKF MPT** (The
Netherlands).

I found that they do not contain non-kosher
substances.

They are therefore **KOSHER-PARVE**
for all year round.

The certificate is valid for two years until the
01.07.2023

Rabbi Mordechai Mark Pavlovsky

Esslingen am Neckar, Germany

