



ISO 21469 Certified

FOODLUBE® Hi-Temp Grease 2

Food grade, high temperature, silicone grease, PTFE fortified

Product Overview

ROCOL® FOODLUBE Hi-Temp Grease 2 is a white, semi-translucent, non-toxic lubricant designed for the effective lubrication and protection of ball, roller and plain bearings, slides and bushes operating at high temperatures in food, pharmaceutical and other clean environments.

FOODLUBE Hi-Temp Grease 2 is a silicone grease fortified with PTFE that is ideal for slow moving bearings and slides. It has a high resistance to water wash off and attack from acids and alkalis such as fruit juices and caustic cleaners commonly found in food, pharmaceutical and other clean environments.

FOODLUBE Hi-Temp Grease 2 is ideal for the assembly and lubrication of most types of plastic and rubber (not silicone rubber).

Features and Benefits

- FOODLUBE Hi-Temp Grease 2 offers an excellent wide temperature resistance of -20°C to +200°C.
- It offers good anti wear performance and is highly resistant to water wash off.
- FOODLUBE Hi-Temp Grease 2 is ideal as a friction reducing lubricant due to the silicone base and PTFE additives.
- FOODLUBE Hi-Temp Grease 2 has outstanding oxidation stability resulting in an extremely long service life.
- FOODLUBE Hi-Temp Grease 2 is ideal for the lubrication of plastics and rubbers (not silicone).

Directions for Storage and Use

- FOODLUBE Hi-Temp Grease 2 can be applied manually, by grease gun, keg pump or by other methods suitable for an NLGI No. 2 silicone grease.
- **PLEASE NOTE: Silicone greases require a silicone grease gun which can be sourced from your local ROCOL distributor.**
- For best results it is recommended not to mix ROCOL FOODLUBE Hi-Temp Grease 2 with any other lubricant.
- Components should be cleaned with a suitable solvent such as ROCOL Industrial Cleaner Rapid Dry Spray prior to the application of FOODLUBE Hi-Temp Grease 2.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Specifications

- FOODLUBE Hi-Temp Grease 2 does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- FOODLUBE Hi-Temp Grease 2 is manufactured from only FDA listed ingredients:
 - FDA Group 21 CFR 178.3570
- FOODLUBE Hi-Temp Grease 2 is NSF registered:
 - NSF H1 registered – 122065
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
380g	15251
4kg	15256
18kg	15254





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Property	Test Method	Result
Appearance	Visual	White, semi-translucent grease
NLGI No.	IP 50 – ASTM D217	2
Base Type	N/A	Silicone
Base Fluid Viscosity at 25°C	IP 71 – ASTM D445	1000cSt
Base Fluid Viscosity at 100°C	IP 71 – ASTM D445	300cSt
Thickener	N/A	Silica
Solids	N/A	PTFE
Temperature Range	N/A	-20°C to +200°C
4-Ball Weld Load	IP 239 – ASTM D2596	180kg
4-Ball Wear Load Index	IP 239 – ASTM D2596	25.5kg
Water Washout Test	IP 215 – ASTM D1264	<2%
Drop Point	IP 132 – ASTM D566	None

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Issue: 2 Date: 01-11

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BS EN ISO 9001
 Certificate No. FM 12448



BS EN ISO 14001
 Certificate No. EMS 67596



OHSAS 18001
 Certificate No. OHS 78173



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SAFETY DATA SHEET
FOODLUBE HI-TEMP 2

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Compilation date: 04/01/2012

Revision No: 4

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FOODLUBE HI-TEMP 2

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

Use of substance / mixture: Lubricating Grease

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: No significant hazard.

2.3. Other hazards

Other hazards: Combustion may also generate: decomposition products that may lead to polymer fume fever (24 - 48 hr influenza-like symptoms).

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Contains: NON-HAZARDOUS SUBSTANCE1 - 100%

[cont...]

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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: White

Odour: Odourless

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Highly viscous

Melting point/range°C: >300

Flash point°C: > 300

Autoflammability°C: > 300

Relative density: 0.99

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

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10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Combustion may also generate: decomposition products that may lead to polymer fume fever (24 - 48 hr influenza-like symptoms).

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Not applicable.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: Contains only FDA listed ingredients. NSF H1 registered.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.