

Performance you can trust



ISO 21469 Certified

FOODLUBE® Overhead Chain Fluid

Non-drip, food grade, multipurpose, chain and conveyor lubricant

Product Overview

ROCOL® FOODLUBE Overhead Chain Fluid is a non-toxic, water resistant chain lubricant. It is designed primarily for the effective lubrication of chains & conveyors operating above the food line where dripping of the lubricant is not acceptable such as abattoirs and processing plants.

FOODLUBE Overhead Chain Fluid is a highly adhesive lubricant with additives to boost performance and improve adhesion. It also offers excellent water wash off resistance and corrosion protection necessary for lubricants used in food, pharmaceutical and other clean environments.

Features and Benefits

- FOODLUBE Overhead Chain Fluid offers an excellent wide temperature resistance of -20°C to +150°C.
- FOODLUBE Overhead Chain Fluid exhibits good penetration and load carrying properties ensuring that the product lubricates and protects inside rollers, links, pins etc.
- FOODLUBE Overhead Chain Fluid provides a highly adhesive, non-drip, tenacious film with excellent water wash off resistance and corrosion protection.
- FOODLUBE Overhead Chain Fluid has excellent oxidation stability resulting in extended relubrication intervals and a reduction in lubricant usage.

Directions for Storage and Use

- FOODLUBE Overhead Chain Fluid can be applied directly to the chain by dipping, brush or oilcan.
- FOODLUBE Overhead Chain Fluid is suitable for automatic lubricators and should be used in accordance with the lubricator manufacturers instructions.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Specifications

- FOODLUBE Overhead Chain Fluid does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- FOODLUBE Overhead Chain Fluid is manufactured from only FDA listed ingredients:
 - FDA Group 21 CFR 178.3570
- FOODLUBE Overhead Chain Fluid is NSF registered:
 - NSF H1 registered – 123859
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
5L	15786
20L	15785

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BS EN ISO 9001
Certificate No. FM 12448



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Certificate No. EMS 67596



OHSAS 18001
Certificate No. OHS 78173



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Property	Test Method	Result
Appearance		Pale yellow, almost colourless, liquid
Base Type		Polyalphaolefin
Additives		Tackifiers
Base Fluid Viscosity at 40°C	IP71 – ASTM D445	220cSt
Temperature Range Continuous		-20°C to +150°C
4-Ball Weld Load	IP239 – ASTM D2596	180kg

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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SAFETY DATA SHEET
FOODLUBE OVERHEAD CHAIN FLUID

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Compilation date: 10/11/2011
Revision No: 3

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

1.1. Product identifier

Product name: FOODLUBE OVERHEAD CHAIN FLUID

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

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

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

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PHOSPHATE ALKYL AMINE DERIVATIVE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
279-632-6	80939-62-4	Xi: R36/38; N: R51/53	-	<1%

AMINIC PHENYL DERIVATIVE

270-128-1	68411-46-1	N: R51/53	-	<1%
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Contains: NON-HAZARDOUS SUBSTANCE1 - 100%

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. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and 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. Alcohol or polymer foam. Dry chemical powder.
Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

[cont...]

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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. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from direct sunlight.

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: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Non-viscous

Boiling point/range°C: > 100

Flash point°C: > 150

Autoflammability°C: > 150

Relative density: 0.9

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.

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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat. Direct sunlight.

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.

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. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and 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: Slightly bioaccumulable.

12.4. Mobility in soil

Mobility: Non-volatile. Insoluble in water. Readily absorbed 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.

[cont...]

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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.

Phrases used in s.2 and 3: R36/38: Irritating to eyes and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.