

LubeFit® Coupling Grease Fig. 03-150



Specifications

Appearance:

Dense, paste like consistency and is light brown or tan in color.

Contains:

Potassium Oleate, Propylene Glycol and Mica. Contains NO PETROLEUM. LubeFit® is not manufactured with silicone in its formula.

Packaging:

2lb (1-quart approx.)
55-gl drum (400 lbs. approx.)

See Safety Data Sheet for additional safety and disposal information at www.fppi.com

CAUTION: Eye irritant.
Avoid contact with eyes.
Wash thoroughly after use.

Description

LubeFit® is a vegetable fiber based lubricant for all gasketed fittings, including grooved couplings for fire sprinkler systems and all grades of EDPM gaskets. It is non staining* and does not support bacterial growth. LubeFit® can be easily applied in temperatures from -10°F to 150°F. LubeFit® is non-toxic and water soluble. Under normal conditions, LubeFit® is not harmful to the skin.

Design Criteria/Data

- Water dispersible
- Applies equally well to wet or dry surfaces
- Suitable for all types of pipe lines, including potable water
- Excellent working range -10° to 150°
- Will not support bacteria
- Will not deteriorate natural or Synthetic rubber, plastic gaskets or caston iron pipe
- Certified to NSF/ANS/Std 61-G

Application

LubeFit® should be applied in an even and thin amount over the parts to be lubricated. Avoid applying excessive amounts. The best applicaion is achieved when applying by hand. Clean all dirt, burrs and foreign matter from the joint surfaces. Make certain the gasket is properly located. Apply an even coating of lubricant to all fitting surfaces and gasket. Assemble the joint according to the pipe fitting manufacturer's directions.



FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe fittings. FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation or its affiliates.

Disclaimer

DO NOT ALTER THE CONSISTENCY OF THIS PRODUCT. Use as is directly from the container. Keep away from your mouth and eyes. If eye contact occurs, flush with water for 5 minutes. If discomfort persists get medical attention. *Will stain untreated porous surfaces such as concrete if not cleaned from the surface immediately.

The information contained herein is produced in good faith and is believed to be reliable but is provided for guidance and information purposes only. FPPI and its agents cannot assume liability or responsibility for results obtained in the use or misuse of its product by persons whose methods and qualifications are outside and beyond our control. It is the user's responsibility to determine the suitability of, methods of use, preparation prior to use, and appropriate installation for all products purchased from FPPI. It is the user's sole responsibility to observe and adapt such precautions as may be advisable or necessary for the protection of personnel and property in the handling and use of any of our products.



FPPI
An ASC Engineered Solution

PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

1. IDENTIFICATION

GHS Product Identifier

Product Name LubeFit Pipe Gasket Lubricant

Other Means of Identification

SDS #

Chemical Formula 11-4 or 11-4R1

Other Information

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Lubricant

Details of the Supplier of the Safety Data Sheet**Supplier Address**

JTM Products, Inc.
31025 Carter Street
Solon, OH 44139
Tel. 440-287-2302
800-229-6744
Fax. 440-287-3095

Emergency Telephone Number

Emergency Telephone Chemtel 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

GHS classification

Hazard categories:

Skin Irritant 3

Eye irritation: Eye Irritant 2B

Label elements

Signal word: Warning

Safety Data Sheet

Revision Date: 09/14/2022

Hazard statements

H316 Causes mild skin irritation.
H320 Causes eye irritation.

Precautionary statements

P264 Wash skin thoroughly after handling.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Components

CAS No.	Chemical Name	Quantity
TSRN 0210	Proprietary Lubricity Enhancers	40 -50%
7732-18-5	Water	20-35%
68606-06-4 EINECS 271-723-9	Mixed sodium and potassium salts of tall oil (soap)	15-25%

Where range is displayed, the exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First Aid Measures**

Inhalation Move to fresh air. If symptoms persist, call a physician

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If symptoms persist, call a physician.

Ingestion Do NOT induce vomiting. Drink plenty of water. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately

Skin Contact Wash off immediately with soap and water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, Both Acute and Delayed**Symptoms**

Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water. Water spray (fog). Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Hazardous Combustion Products

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Use personal protective equipment. Keep people away from and upwind of spill/leak.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information

Methods and Material for Containment and Cleaning Up**Methods for Containment**

Dike to collect large liquid spills. Prevent leakage or spillage if safe to do so.

Methods for Cleaning Up

Dam up. Soak up with inert absorbent material. Place the bulk of any spilled material into properly labeled containers. Rinse any remaining material to sewage treatment facility. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE**Precautions for Safe Handling****Handling**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not take internally.

Conditions for Safe Storage, Including any Incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.

Incompatible Materials Strong oxidizing agents. Strong bases

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Appropriate Engineering Controls

Engineering Controls Eyewash stations Showers Ventilation systems.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear approved safety goggles.

Skin and Body Protection Lightweight protective clothing. Chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Respiratory Protection No special protective equipment required. If respirators are used, OSHA requires a written respiratory program that includes at least: medical certification training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

General Hygiene Considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

Control Parameters N.A.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Paste	Odor	Bland
Appearance	Off-White Paste	Odor threshold	Not determined
Color	Off-white		

<u>Property</u>	<u>Values</u>	<u>Remarks – Method</u>
pH	≈9	5% solution
Melting point/freezing point	< 0° C/ < 32° F	
Boiling point/boiling range	> 104° C/ > 220° F	
Flash point	> 104° C/ > 220° F	
Evaporation rate	Not applicable	
Flammability (solid, gas)	Not determined	

Safety Data Sheet

Revision Date: 09/14/2022

Flammability Limits in Air**Upper Flammability Limits**

Not applicable

Lower Flammability Limits

Not applicable

Vapor Pressure

Not applicable

Vapor Density

Not applicable

Specific Gravity

1.2

Water Solubility

Completely soluble

Solubility in other Solvents

Not determined

Partition Coefficient

Not determined

Autoignition Temperature

Not determined

Decomposition Temperature

Not determined

Kinematic Viscosity

Not determined

Dynamic Viscosity

Not determined

Explosive Properties

None

Oxidizing Properties

None

Other Information**VOC Content (%)**

<5%

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to Avoid

Contact with incompatible material

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

Carbon oxides

11. TOXICOLOGICAL INFORMATION**Information on Likely Route of Exposure****Product Information****Inhalation**

Not a likely route of exposure

Eye Contact

Causes eye irritation

Skin Contact

May cause mild skin irritation

Ingestion

Do not taste or swallow

Symptoms

Direct contact with eyes may cause temporary irritation. Prolonged or repeated contact may dry skin and cause irritation

Safety Data Sheet

Revision Date: 09/14/2022

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Numerical Measures of Toxicity – Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral 22665 mg/kg; Acute toxicity estimate mg/kg mg/L

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Mobility

Not Determined.

Other Adverse Effects

Not Determined.

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Contact your supplier or a licensed contractor for detailed recommendations.

Contaminated Packaging

Do not re-use empty containers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA All ingredients appear on inventory

DSL/NDSL All components of this product are listed or are exempt

EINECS/ELINCS - *European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
/ not available (N.A.)

ENCS - *Japan Existing and New Chemical Substances/not available (N.A.)*

IECSC - *China Inventory of Existing Chemical Substances/not available (N.A.)*

KECL - *Korean Existing and Evaluated Chemical Substances/not available (N.A.)*

PICCS - *Philippines Inventory of Chemicals and Chemical Substances/not available (N.A.)*

Safety Data Sheet

Revision Date: 09/14/2022

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42): None known

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): None Known

U.S. State Regulations
California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations: Not applicable

U.S. EPA Label Information

EPA Pesticide Registration Number: Not Applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined
Issuance Date	18-Feb-2014			
Revision Date	14-Sept-2022			
Revision Note	Section 15: Reclassified as no for Acute Health Hazard.			

Safety Data Sheet

Revision Date: 09/14/2022

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet