

Safety Data Sheet
RED BEARING LUBE



SDS Revision Date:

01/07/17

International Corporation

1. Identification of the Substance/mixture and of the Company/undertaking

1.1. Product identifier

Product Identity Red Bearing Lube
Alternate Names Part Numbers: 81343, 81345, 81378
Product Type: Lubricating Grease

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

Intended use Lubricating Grease
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name SAF-T-LOK International Corporation
300 EISENHOWER LANE NORTH
LOMBARD, IL 60148

Emergency

CHEMTREC (USA) (800) 424-9300
24 hour Emergency Telephone No. (703) 527-3887
Customer Service: SAF-T-LOK International Corporation (630) 495-2001

2. Hazard Identification of the Product

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the Substance or mixture: SKIN SENSITIZATION – Category 1

Percentage of mixture consisting of ingredient(s) of unknown toxicity: 9%

GHS Label elements

Hazard pictograms:



Signal word: Warning
Hazard Statements: May cause an allergic skin reaction

Precautionary statements

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[Prevention]:

Avoid breathing dust/fume/gas/mist/vapors/spray; Contaminated work clothing should not be allowed out of workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF ON SKIN: wash with plenty of soap and water, if skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse

P273 Avoid release to the environment.

[Response]:

Dispose of contents/ container to approved disposal facility

P391 Collect spillage.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on Ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	CAS number
sodium nitrite	1-5	7632-00-0
N-1-naphthylaniline	0.1-1	90-30-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

*The full texts of the phrases are shown in Section 8.

4. First Aid Measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained

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	personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart. Remove contact lenses. If symptoms persist seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. If skin surface is damaged, apply a sterile dressing, and seek medical attention immediately. If irritation or redness develops, seek medical attention. Wash clothing before reuse. If product is exposed to an open wound, regardless of wound size, seek medical attention immediately.
Ingestion	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

Overview	<p>Skin Contact: Usually no effect, however, as with any chemical, prolonged, excessive, or repeated exposure may cause mild to moderate skin irritation, exhibited by redness, drying and cracking of unprotected skin.</p> <p>Eye Contact: May irritate with slight pain and redness.</p> <p>Respiratory/ Inhalation: Usually none, however, as with any chemical product, some irritation may occur</p> <p>Ingestion: Amounts transferred to mouth by fingers, etc, during normal operation should not cause injury. Accidental ingestion may cause minor irritation resulting in nausea and diarrhea.</p> <p>Medical conditions generally aggravated by exposure: None known, however any chemical product may enhance allergies already present in certain individuals. See section 2 for further details.</p>
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5. Fire-Fighting Measures

5.1. Extinguishing media

Recommended extinguishing media; Dry Chemical, Carbon Dioxide, Foam, or water spray. Water or foam may cause frothing in material heated above 212°F / 100°C. Carbon dioxide may displace oxygen. Use caution when applying carbon dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, sulfur, nitrogen or phosphorus

5.3. Advice for fire-fighters

Air mask and procedures for fighting chemical fires. Do not inhale gases.

Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

ERG Guide No. ----

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Keep all ignition sources away from spills

Avoid breathing fumes/vapor/dust/mist

Avoid direct contact with material

Wear appropriate protective equipment, including respiratory protection.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

May require notification of the National Response Center (phone: 800-424-8802)

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Prevent material from entering floor drains, sewers, or any bodies of water.

Scoop up into waste container or soak up with absorbent material. Store in a closed container until disposal.

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7. Handling and Storage

7.1. Precautions for safe handling

Keep away from flames and hot surfaces, wash hands thoroughly after use. Wear appropriate protective equipment. (see section 8). Product exposed to open wound may cause serious damage even if no symptoms are apparent. See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Isolated storage facility/ warehouse not required. Store in a cool, dry location (60-90°F) in a well-ventilated area in original container. Keep container tightly closed when not in use.

Incompatible materials: Strong Oxidizing Agents, Strong Acids and Alkalis.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

None

8. Exposure Controls and Personal Protection

Exposure controls

Respiratory

No respiratory protection required, but normal good ventilation is recommended. Forced ventilation may be required if concentrations exceed normal use exposure.

Eyes

Not required if application method is proper. Avoid contact with eyes.

Skin

Wear overalls to keep skin contact to a minimum. Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Eye wash stations should be located within 100 feet or 10 second walk of the work area. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

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9. Physical and Chemical Properties

Appearance	Red Semi-Solid
Odor	Mild/Inoffensive
Odor threshold	Not Measured
pH	Not determined
Melting point / freezing point	Not determined
Initial boiling point and boiling range	N/A
Flash Point	>400°F / 204°C (C.O.C.)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Flammable in the presence of the following materials or conditions: open flames, sparks, static discharge.
Upper/lower flammability or explosive limits	Lower Explosive Limit: N/A Upper Explosive Limit: N/A
Vapor Pressure (Pa)	N/A
Vapor Density	Not Measured
Specific Gravity	.855 @ 60°F / 15.6°C
Solubility in Water	Insoluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
VOC %	<0.1% (Organic solvents) % (cut)
% Solid	15-30%

10. Stability and Reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

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Extended exposure to high temperatures can cause decomposition. Avoid all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents and strong reducing agents

10.6. Hazardous decomposition products

Not anticipated under normal conditions of use

11. Toxicological Information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
N-1-naphthylaniline	5,000.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Repeated exposure may cause dryness or cracking
Serious eye damage/irritation	---	Not expected to be irritating
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Based on component information
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not an aspiration hazard

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12. Ecological Information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

H412 – Hazardous to the aquatic environment, chronic toxicity – Category 3

Aquatic Ecotoxicity

Ingredient	Result	Species	Exposure
sodium nitrite	Acute EC50 159000 µg/l Marine water Acute EC50 1600000 µg/l Marine water Acute LC50 1100 µg/l Fresh water	Algae - Tetraselmis chuii Algae - Tetraselmis chuii Crustaceans - Cherax quadricarinatus Fish - Ictalurus punctatus - Fingerling Fish - Hippocampus abdominalis	72 hours 96 hours 48 hours 96 hours
	Acute LC50 48 µg/l Fresh water Chronic NOEC 0.912 mg/l Marinewater	- Juvenile (Fledgling, Hatchling, Weanling)	35 days

12.2. Persistence and degradability

The base oil constituents of grease are expected to be inherently, but not readily biodegradable, some of the thickening agents may be readily biodegradable.

12.3. Bioaccumulative potential

Log Kow values measured for the hydrocarbon components of this material range from 4 to greater than 6, and therefore, are regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce bioconcentration.

12.4. Mobility in soil

Due to the low vapor pressure, volatilization to air is not expected to be a significant fate process. Material may behave differently in aquatic environment with soaps dispersing and dissolving to an extent in water while hydrocarbons may float to the surface. Hydrocarbons are expected to have low mobility in soil or water.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

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13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

14.1. UN number	DOT (Domestic Surface Transportation) Not Applicable	IMO / IMDG (Ocean Transportation) Not Regulated	ICAO/IATA Not Regulated
14.2. UN Proper Shipping Name	Not Regulated	Environmentally hazardous substance, liquid, N.O.S	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable	Air Class: Not Applicable
	DOT Label: ---	Sub Class: Not Applicable	
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	Not Regulated

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US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

No product ingredients listed

EPCRA 302 Extremely Hazardous :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

No product ingredients listed

Proposition 65 - Carcinogens (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%):

(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

(No Product Ingredients Listed)

Penn RTK Substances (>1%):

(No Product Ingredients Listed)

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16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. SAF-T-LOK accepts no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H312 Harmful in contact with skin.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.

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