



Parr Instrument Company

SAF-T-LOK

International Corporation

Safety Data Sheet

SAF-T-EZE MOLY ANTI-SEIZE

Issue Date: 7/15/15

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: MOLY GRADE ANTI-SEIZE
 Product Type (Intended use): Lubricating Grease
 Part Numbers: 80855, 80837, 80822, 80878, 80853
 Hazard Rating: Health: 1 Fire: 1 Reactivity: 0
 Application method: Brush or other as desired
 Company Identification: SAF-T-LOK International Corporation
 300 EISENHOWER LANE NORTH
 LOMBARD, IL 60148
 Telephone/ Fax: (630) 495-2001
 Emergency Phone (24 Hour): (703) 527-3887
 Chemtrec (24 Hour): (800) 424-9300, (703) 527-3887
 Preparer: Ind. Hygiene Department
 Internet: www.saftlok.com

Product Class: Mixture
 DOT Hazard Class: N/A
 Shipping Name: Unrestricted

SECTION 2 - HAZARD INFORMATION

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR 1910.1200).

SECTION 3 - INFORMATION ON INGREDIENTS

Components	CAS Number	Percent
Graphite	7782-42-5	20 - 30
Hydrotreated Heavy Napthenic Distillate	64742-52-5	40 - 50
Molybdenum Disulfide	1317-33-5	20 - 30

The exact percentage has been withheld as a trade secret

EMERGENCY OVERVIEW

Physical appearance:	Paste	HMIS	
Physical color:	Silver Grey	Health:	1
Odor:	Mild / Inoffensive	Flammability:	1
		Reactivity:	0
		Personal Protection:	B

MAY CAUSE: EYE IRRITATION
 SKIN IRRITATION
 RESPIRATORY TRACT IRRITATION
 MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

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.

Eye Contact: May irritate with slight pain and redness.

Respiratory/ Inhalation: Usually none, however, as with any chemical product, some irritation may occur.

Ingestion: Amounts transferred to mouth by fingers, etc, during normal operation should not cause injury.

Medical conditions generally aggravated by exposure: None known, however any chemical product may enhance allergies already present in certain individuals.

This product does not require exceptional labeling due to the evaluation procedure of the "General Classification guideline for preparations of the EU".

SECTION 4 – FIRST AID MEASURES

Skin Contact: Remove contaminated clothing. Wash affected area with soap and rinse with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.

Eye Contact: Flush with water for at least 15 minutes holding eyelid open. Get medical attention if symptoms persist.

Respiratory / Inhalation: Remove to fresh air, if symptoms develop get medical attention.

Ingestion: Do not induce vomiting. Obtain medical attention if symptoms develop.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: 210°C (C.O.C.)
Unusual Fire and Explosion Hazards: None
Flammable Limits: LEL: N/A, UEL: N/A
Extinguishing Media: Carbon Dioxide, Foam, Dry Chemicals
Fire Fighting Procedures: Air mask and procedures for fighting chemical fires.
Do not inhale gases.

SECTION 6 -ACCIDENTAL RELEASE MEASURES

Special Precautions: None known. Follow general precautions shown below.
Environmental precautions: Prevent material from entering floor drains, sewers, or any bodies of water.
Clean up methods: Scoop up into waste container or soak up with absorbent material. Store in a closed container until disposal. Dispose of material according to regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: No special precautions necessary if used properly. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift.
Storage: 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.
Personal Protection: Wear personal protective equipment as outlined in Section 8 of this MSDS.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure

CAS No.	Ingredient	Source	Value
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1317-33-5	Molybdenum sulfide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
7782-42-5	Graphite	OSHA	TWA 15 mg/m3TWA 15 mppcf
		ACGIH	TWA: 2 mg/m3
		NIOSH	TWA 2.5 mg/m3 (resp)
		Supplier	No Established Limit
64742-52-5	Petroleum distillates, hydrotreated heavy naphthenic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

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

Skin Protection: Not required, but if desired, 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.

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

Eye Washes: Eye wash stations should be located within 100 feet or 10 second walk of the work area.

Carcinogen Data

CAS No.	Ingredient	Source	Value
1317-33-5	Molybdenum sulfide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
7782-42-5	Graphite	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
64742-52-5	Petroleum distillates, hydrotreated heavy naphthenic	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Paste
Color:	Black
Odor:	Mild/ Inoffensive
Boiling Point:	> 600°F (316°C)
Melting Point	Not determined
Flash Point	210°C
Self-inflammability	Is not self-igniting
Explosion danger	Not explosive

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Specific Gravity:	1.4
Vapor Density (Air = 1):	N/A
Vapor Pressure (mm Hg.):	< 5 @30°F
pH:	Not determined
Evaporation Rate:	Not determined
Solubility in Water:	Insoluble
VOC (Organic solvents)	0%

Product: Moly Anti-Seize

Solids content 40-55%

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous decomposition byproducts: None if used and stored according to specifications
Conditions to avoid Strong oxidizing agents

SECTION 11 – TOXICOLOGICAL INFORMATION

No harmful effects have been determined if product is used and handled according to specifications.

This product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations.

Sensitization None known
Eye Irritant Not determined
Skin Irritant Not determined
Carcinogen No

No components of this product are prohibited by Proposition 65 of the state of California.

SECTION 12 – ECOLOGICAL DATA

Water Hazard: Do not allow entry into drains or surface water
Class 2 per German Regulation

SECTION 13 – DISPOSAL CONSIDERATIONS

Recommended method of disposal: Small quantities can be disposed with normal household waste.
Disposal must be made according to official regulations.

EPA Hazardous Waste Number; Not an RCRA hazardous waste.

SECTION 14 – SHIPPING AND TRANSPORTATION INFORMATION

U.S. Department of Transportation Ground (49 CFR)
Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number: None
Packing Group: None

International Air Transportation (OCAO/IATA):
Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number: None
Packing Group: None

Water Transportation (IMO/IMDG):
Proper Shipping Name: Environmentally hazardous substance, liquid, N.O. S.
Hazard Class or Division: None
Identification Number: None
Packing Group: None
Marine Pollutant: No

ADR/RID-GGVSE Class (cross border) Unrestricted

SECTION 15 – REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

Canada Regulatory Information

CEPA DSL/NDSL Status:

All components are listed on or are exempt from listing on the Domestic Substances List.

Designation according to EC Guidelines

for

Observe normal safety regulations when handling chemicals. This product is not subject to classification according to the calculation methods of the "General Classification Guideline Preparations of the EC" as in the current issue.

This product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

SECTION 16 – OTHER INFORMATION

Revision date 7/15/2015

By: Human Resource Department

This is the new Safety Data Sheet in the GHS SDS format. Listings of changes from previous versions in other doormats are not applicable

DISCLAIMER: 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.

