

# SAF-T-LOK

International Corporation

## Safety Data Sheet

SAF-T-EZE FOOD/DRUG ANTI-SEIZE

Issue Date: 6/25/15

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: FOOD/ DRUG GRADE ANTI-SEIZE  
Product Type: Lubricating Grease, FDA/ USDA /NSF Listed H1  
Part Numbers: 80318, **80337, 80345, 80343, 80365, 80378**  
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 - AND HAZARD INFORMATION

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Zinc Oxide is classified as a marine pollutant. Signal word: none. Pictogram: Marine Pollutant (Optional)

### SECTION 3 - INFORMATION ON INGREDIENTS

Components	CAS Number	Percent
Calcium grease	Proprietary	60-80
Zinc Oxide	1314-13-2	2-10
Polytetrafluoroethylene	9002-840	5-25

Exact percentage is a trade secret

### EMERGENCY OVERVIEW

Physical appearance:	Paste	<u>HMIS</u>	
Physical color:	White	Health:	1
Odor:	Mild / Inoffensive	Flammability:	1
		Reactivity:	0
		Personal Protection:	B

**WARNING;** MAY CAUSE: EYE IRRITATION  
SKIN IRRITATION  
RESPIRATORY TRACT IRRITATION  
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITION

Relative routes of entry: Skin, Inhalation, Eyes, Ingestion

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

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Product: Food/Drug Anti-Seize

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 VIII of this MSDS.

#### **SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Components with limit values that require monitoring at the workplace:

None

#### **Exposure**

CAS No.	Ingredient	Source	Value
1314-13-2	Zinc oxide	OSHA	TWA 5 mg/m3 (fume) TWA 15 mg/m3 (total dust) TWA 5 mg/m3 (resp dust)
		ACGIH	TWA: 2 mg/m3 STEL: 10 mg/m3 A1, 1, Revised 2003,
		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: with	Not required if application method is proper. Avoid contact eyes.
Eye Washes:	Eye wash stations should be located within 100 feet or 10 second walk of the work area.

### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Paste
Color:	White
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
Specific Gravity:	1.1
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)	0.1%
Solids content	22=27%

### **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**

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
Zinc oxide - (1314-13-2)	5,000.00, Rat - Category: 5	No data available	No data available	2.50, Mouse - Category: 4	No data available

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

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

### **SECTION 12 – ECOLOGICAL INFORMATION**

#### **Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Zinc oxide - (1314-13-2)	1.10, Oncorhynchus mykiss	0.098, Daphnia magna	0.042 (72 hr), Pseudokirchner subcapitata

Water Hazard: Do not allow entry into drains or surface water

**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 – 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: IMDG Class 9 (Marine Pollutant)  
Identification Number: None  
Packing Group: None  
Marine Pollutant: Yes

ADR/RID-GGVS/E 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 Observe normal safety regulations when handling chemicals.

**SECTION 16 – OTHER INFORMATION**

Revision date: 6/25/15  
By: Human Resource Department

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.

