

# SAF-T-LOK

International Corporation

Material Safety Data Sheet

NUCLEAR COPPER ANTI-SEIZE

Issue Date: 10/19/17

## SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: NUCLEAR COPPER ANTI-SEIZE  
Product Type: Lubricating Grease  
Part Numbers: **80537, 80557, 80578**  
Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

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

Contact: Chris Michaels  
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 II - INGREDIENT AND HAZARD INFORMATION

Components	CAS Number	Percent
Hydrotreated Heavy Napthenic Distillate	64742-52-5	35-60
Graphite	7782-42-5	10-25
Copper	7440-50-8	10-20

## SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

### EMERGENCY OVERVIEW

Physical appearance:	Paste	<u>HMIS</u>	
Physical color:	Copper	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 CONDITIONS

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.

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 IV – FIRST AID INSTRUCTIONS**

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 V – FIRE FIGHTING INSTRUCTIONS**

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 VI -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 VII - 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 VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Components with limit values that require monitoring at the workplace:

Copper (CAS# 7440-50-8)  
Short –term value: 2 mg/m<sup>3</sup> (dusts and mists)  
Long-term value: 0.2 mg/m<sup>3</sup> (fume)  
1 mg/m<sup>3</sup> (dusts and mists)

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.

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

Physical state:	Paste
Color:	Copper
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	36%

### **SECTION X –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 XI – 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

## **SECTION XII – ECOLOGICAL DATA**

Water Hazard:	Do not allow entry into drains or surface water Class 2 per German Regulation
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## **SECTION XIII – DISPOSAL CONSIDERATIONS**

Recommended method of disposal:	Small quantities can be disposed with normal household waste. Disposal must be made according to official regulations.
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EPA Hazardous Waste Number;	Not an RCRA hazardous waste.
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## **SECTION XIV – 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:	IMDG Class 9
Identification Number:	None
Packing Group:	None
Marine Pollutant:	Yes

ADR/RID-GGVS/E Class (cross border)	Unrestricted
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## **SECTION XV – 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.
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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. This product is not subject to classification according to the calculation methods of the "General Classification Guideline for 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 XVI – OTHER INFORMATION**

Revision date: 10/19/17

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.