

# SAF-T-LOK

Material Safety Data Sheet

International Corporation SAF-T-EZE COPPER ANTI-SEIZE AEROSOL

Issue Date: 10/19/17

## SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: COPPER ANTI-SEIZE AEROSOL  
Product Type: Lubricating Grease  
Part Numbers: **84556**  
**SA-12C**  
Hazard Rating: Health: 1 Fire: 4 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: Aerosols

## SECTION II - INGREDIENT AND HAZARD INFORMATION

<u>Components</u>	<u>Percent</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Petroleum distillates 64742-52-5	40-60	5 mg/m <sup>3</sup> TWA (mist) 10 mg/m <sup>3</sup> STEL (mist)	5 mg/m <sup>3</sup> TWA (mist)
Copper 7440-50-8	10-20	2.0 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA
Graphite 7782-42-5	15-30	2 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA
Butane 106-97-8	10-30	1000 ppm TWA	800 ppm TWA
Propane 74-98-6	10-30	1000 ppm TWA	1000 ppm TWA

## SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

### EMERGENCY OVERVIEW

Physical appearance: Aerosol  
Physical color: Copper  
Odor: Mild / Solvent

HMIS  
Health: 1  
Flammability: 4  
Reactivity: 0  
Personal Protection: B

**WARNING:** EXTREMELY FLAMMABLE  
CONTENTS UNDER PRESSURE  
MAY CAUSE: EYE IRRITATION  
SKIN IRRITATION  
HARMFUL IF INHALED  
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

Relative routes of entry: Skin, 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. Flush eyes with water for at least 15 minutes.

Respiratory/ Inhalation: May cause irritation to nose and throat. Overexposure may cause central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, or unconsciousness. Extreme overexposure may result in unconsciousness and possibly death.

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.

#### **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:	-40°C (T.C.C.) (Propellant)
Unusual Fire and Explosion Hazards:	Contents under pressure. Do not store or use near heat, spark, or open flame. Do not puncture or incinerate pressurized containers. Exposure to temperatures above 49°C (120°F) may cause container to burst.
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: Remove sources of ignition. Ventilate area.

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:	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift. Keep away from heat, spark, and flame. Do not puncture or incinerate.
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**

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:	Safety goggles or safety glasses with side shields.
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:	Aerosol
Color:	Copper
Odor:	Solvent
Boiling Point:	N/A
Melting Point:	Not determined
Flash Point:	-40°C T.C.C.
Specific Gravity:	1.4
Vapor Density (Air = 1):	N/A
Vapor Pressure (mm Hg.):	N/A
pH:	Not determined
Evaporation Rate:	Not determined
Solubility in Water:	Negligible
VOC (Organic solvents)	<40%

## **SECTION X – STABILITY AND REACTIVITY**

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous decomposition byproducts:	Oxides of carbon
Conditions to avoid	Strong oxidizing agents

**SECTION XI – TOXICOLOGICAL INFORMATION**

<u>Component</u>	<u>NTP Carcinogen</u>	<u>IARC Carcinogen</u>	<u>OSHA Carcinogen</u>
Petroleum Distillates	No	No	No
Copper	No	No	No
Graphite	No	No	No
Butane	No	No	No
Propane	No	No	No

**SECTION XII – ECOLOGICAL DATA**

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

**SECTION XIII – DISPOSAL CONSIDERATIONS**

Recommended method of disposal: Do not incinerate. Depressurize cans.  
Disposal must be made according to official regulations.

EPA Hazardous Waste Number; May be considered an RCRA hazardous waste.

**SECTION XIV – SHIPPING AND TRANSPORTATION INFORMATION**

U.S. Department of Transportation Ground (49 CFR)  
Proper Shipping Name: Aerosols, flammable  
Hazard Class or Division: 2.1  
Identification Number: UN 1950  
Packing Group: None  
Exceptions: Consumer Commodity ORM-D (Not more than 1 Liter)

International Air Transportation (OCAO/IATA):  
Cans are not certified for air shipment.

Water Transportation (IMO/IMDG):  
Proper Shipping Name: Aerosols, flammable  
Hazard Class or Division: 2.1  
Identification Number: UN 1950  
Packing Group: None  
Marine Pollutant: Yes  
Exceptions: Limited quantity (Not more than 1 Liter)

**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.

AerosolCanada Regulatory Information  
CEPA DSL/NDSL Status:

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

**SECTION XVI – OTHER INFORMATION**

Revision date: 10/19/2017  
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.