

Date of issue: 12/09/2025

Reviewed on 12/09/2025

### 1 Identification

- **Product identifier**
  - **Trade name:** Seize Release Copper Anti-Seize Stick
- **Other means of identification**
  - **Part number:** 80-2194
  - **Application of the substance / the mixture** Lubricant
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
Kimball Midwest  
4800 Roberts Road  
Columbus, OH 43228  
Tel: (800) 233-1294
  - **Information department:** Product Safety Department
- **Emergency telephone number:**  
United States: 1-800-424-9300  
International: +1-703-527-3887

### 2 Hazard(s) identification

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
  - **GHS label elements** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void
- **Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.
- **Classification according to (d)(1)(ii) of § 1910.1200**  
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
- **Hazards not otherwise classified**  
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
  - **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 8002-74-2	Paraffin wax Combustible Dust	10 – 30%
CAS: 8001-78-3	Castor oil Acute toxicity - oral 4, H302; Skin irritation 2, H315; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H335	1 – 5%
CAS: 7440-50-8	copper	0.5 – 1.5%
CAS: 106-14-9	loxiol g 21 Skin irritation 2, H315; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H335	0.5 – 1.5%
CAS: 14808-60-7	Crystalline Silica Carcinogenicity 1A, H350; Specific target organ toxicity (repeated exposure) 1, H372	0.1 – 1%

### 4 First-aid measures

- **Description of first aid measures**
  - **General information:** No special measures required.
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:** Generally the product does not irritate the skin.
  - **After eye contact:** Rinse opened eye for several minutes under running water.
  - **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

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## 5 Fire-fighting measures

- **Extinguishing media**
  - **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
  - **Protective equipment:**
    - Wear self-contained respiratory protective device.
    - Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation
  - Wear protective clothing.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Dispose of the collected material according to regulations.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

## 7 Handling and storage

- **Precautions for safe handling** No special measures required.
  - **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:** No special requirements.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Control parameters**
  - **Components with limit values that require monitoring at the workplace:**
    - At this time, the other constituents have no known exposure limits.

<b>CAS: 8002-74-2 Paraffin wax</b>	
REL	Long-term value: 2 mg/m <sup>3</sup>
TLV	Long-term value: 2 mg/m <sup>3</sup>
<b>CAS: 7440-50-8 copper</b>	
PEL	Long-term value: 1* 0.1** mg/m <sup>3</sup> as Cu *dusts and mists **fume
REL	Long-term value: 1* 0.1** mg/m <sup>3</sup> as Cu *dusts and mists **fume
TLV	Long-term value: 0.2* 1** mg/m <sup>3</sup> as Cu *fume **dust/mist
<b>CAS: 14808-60-7 Crystalline Silica</b>	
PEL	Long-term value: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m3/%SiO2+2
REL	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m <sup>3</sup> *respirable particulate matter, A2

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
  - **Appropriate engineering controls** No further data; see section 7.
  - **Personal protective equipment:**
    - **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
    - **Protection of hands:**
      - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
      - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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**- Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

**- Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**- Eye protection:** Not required.**- Body protection:** Protective work clothing

## 9 Physical and chemical properties

**- Information on basic physical and chemical properties****- General Information****- Physical state**

Solid

**- Color:**

Bronze colored

**- Odor:**

Mild

**- Odor threshold:**

Not determined.

**- Melting point/Melting range:**

Undetermined.

**- Boiling point/Boiling range:**

&gt; 315 °C (&gt; 599 °F)

**- Flammability:**

Not determined.

**- Explosion limits:****- Lower:**

Not determined.

**- Upper:**

Not determined.

**- Flash point:**

≥ 150 °C (≥ 302 °F)

**- Auto igniting:**

&gt; 300 °C (&gt; 572 °F)

**- Decomposition temperature:**

Not determined.

**- pH-value:**

Not applicable.

**- Viscosity:****- Kinematic:**

Not applicable.

**- Dynamic:**

Not applicable.

**- Solubility in / Miscibility with****- Water:**

Soluble.

**- Partition coefficient (n-octanol/water):**

Not determined.

**- Vapor pressure:**

Not applicable.

**- Vapor pressure:****- Density at 20 °C (68 °F):**≥ 5.00196 – ≤ 5.04118 g/cm<sup>3</sup> (≥ 41.74136 – ≤ 42.06865 lbs/gal)**- Relative density**

Not determined.

**- Vapor density**

Not applicable.

**- Particle characteristics**

Not determined.

**- Other information****- Appearance:****- Form:**

Pasty

**- Important information on protection of health and environment, and on safety.****- Ignition temperature:**

Product is not selfigniting.

**- Danger of explosion:**

Product does not present an explosion hazard.

**- Solvent content:****- VOC content:**

0.00 %

**- Solids content:**

85.0 %

**- Change in condition****- Evaporation rate**

Not applicable.

## 10 Stability and reactivity

**- Reactivity** No further relevant information available.**- Chemical stability****- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**- Possibility of hazardous reactions** No dangerous reactions known.**- Conditions to avoid** No further relevant information available.**- Incompatible materials:** No further relevant information available.**- Hazardous decomposition products:** No dangerous decomposition products known.

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## 11 Toxicological information

### - Information on toxicological effects

#### - Acute toxicity:

#### - LD/LC50 values that are relevant for classification:

#### ATE (Acute Toxicity Estimate)

Oral LD50 71,429 mg/kg (rat)

#### CAS: 8001-78-3 Castor oil

Oral LD50 2,000 mg/kg (rat)

#### CAS: 106-14-9 Ioxiol g 21

Oral LD50 10,000 mg/kg (rat)

#### - Primary irritant effect:

- **on the skin:** No irritant effect.

- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

#### - Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Interactive effects** No interactive effects between components are known.

#### - Carcinogenic categories

#### - IARC (International Agency for Research on Cancer)

CAS: 14808-60-7 Crystalline Silica

1

#### - NTP (National Toxicology Program)

CAS: 14808-60-7 Crystalline Silica

K

#### - OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

- **Alternative sources for toxicological information** No non-standard sources for toxicological information where used.

## 12 Ecological information

### - Toxicity

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

### - Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

### - Other adverse effects

#### - Additional ecological information:

#### - General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

### - Waste treatment methods

- **Recommendation:** Smaller quantities can be disposed of with household waste.

### - Uncleaned packagings:

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

### - UN-Number

- DOT, IMDG, IATA

not regulated

### - UN proper shipping name

- DOT, IMDG, IATA

not regulated

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<b>- Transport hazard class(es)</b>	
- DOT, ADN, IMDG, IATA	
- Class	not regulated
<b>- Packing group</b>	
- DOT, IMDG, IATA	not regulated
<b>- Environmental hazards:</b>	Not applicable.
<b>- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>- Special precautions for user</b>	Not applicable.
<b>- UN "Model Regulation":</b>	not regulated

## 15 Regulatory information

### - Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

#### - Sara

#### - Section 355 (extremely hazardous substances):

None of the ingredients is listed.

#### - Section 313 (Specific toxic chemical listings):

CAS: 7440-50-8 | copper

#### - TSCA (Toxic Substances Control Act):

Paraffin wax	ACTIVE
Castor oil	ACTIVE
copper	ACTIVE
loxiol g 21	ACTIVE
sebacic acid	ACTIVE
molybdenum disulphide	ACTIVE
Crystalline Silica	ACTIVE

#### - Hazardous Air Pollutants

None of the ingredients is listed.

#### - Proposition 65

#### - Chemicals known to cause cancer:

None of the ingredients is listed.

#### - Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

#### - Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

#### - Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

#### - Carcinogenic categories

#### - EPA (Environmental Protection Agency)

CAS: 7440-50-8 | copper

D

#### - TLV (Threshold Limit Value)

CAS: 14808-60-7 | Crystalline Silica

A2

#### - NIOSH-Ca (National Institute for Occupational Safety and Health)

CAS: 14808-60-7 | Crystalline Silica

**- Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## \*16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**- Department issuing SDS:** Safety, Health and Environmental Affairs

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**- Classification System:****- HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = *0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

**- NFPA ratings (scale 0 - 4)**

0	1	0	Health = 0
			Fire = 1
			Reactivity = 0

**- Date of previous version** 10/17/2025**- Version number of previous version:** 4**- Date of preparation** 12/09/2025**- Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 TLV: Threshold Limit Value  
 PEL: Permissible Exposure Limit  
 REL: Recommended Exposure Limit  
 Acute toxicity - oral 4: Acute toxicity – Category 4  
 Skin irritation 2: Skin corrosion/irritation – Category 2  
 Eye irritation 2A: Serious eye damage/eye irritation – Category 2A  
 Carcinogenicity 1A: Carcinogenicity – Category 1A  
 Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3  
 Specific target organ toxicity (repeated exposure) 1: Specific target organ toxicity (repeated exposure) – Category 1

**- \* Data compared to the previous version altered.**