

# SAFETY DATA SHEET

Revision Date: 05/15/2015  
Revision Number: 001.1



## 1. PRODUCT AND COMPANY INFORMATION

<b>Product Name:</b>	CP2000 (Copper based) Anti-Seize / Lubricant	<b>Item number(s):</b>	21-01, 21-02
<b>Product Type:</b>	None Identified	<b>Region(s):</b>	U.S.A
<b>Restriction of Use:</b>	Armite Laboratories Inc. 1560 Superior Ave Ste. A-4 Costa Mesa, CA 92627	<b>Telephone:</b>	949 646-9035
<b>Company Address:</b>		<b>Product Emergency:</b>	<b>CHEM-TEL 800-225-3924</b>

## 2. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW

Signal Word	Hazard Class	Hazard Category	Pictogram(s)
WARNING:	SKIN IRRITANT	2	The pictogram consists of a black exclamation mark centered within a red diamond-shaped border.

### Hazard Statements

May cause skin irritation.

### Precautionary Statements

**Prevention:** Do not breathe dust, fume or mist. Do not eat or smoke when using this product. Wash hands thoroughly after handling. Wear protective eyewear. Wear protective gloves.

**Response:** Get medical advice/attention if you feel unwell. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to remove, and continue to rinse. **IF ON SKIN:** Wash with plenty of soap & water. Seek medical attention if irritation persists.

**Storage:** Store in a cool well ventilated place.

**Disposal:** Avoid release into the environment. Follow Federal, State & Local rules & regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200 and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of chemicals (GHS).

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Base Oil 1000N -Petroleum Hydrocarbons Mixture	64742-58-1 (53%) 64742-01-4 (47%)	67-71
Copper	7440-50-8	15-18
Microcrystalline Wax	64742-42-3	7-11
Industrial Grease (Highly refined Mineral Oil) with <3%DMSO-extract	Mixture	7.5-8.5

\*Exact percentage is a trade secret, concentration range is provided to assist user in providing appropriate protections.

# SAFETY DATA SHEET



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- Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
- Skin contact:** Wash with soap and water. If hot material contacts the skin, immediately cool before attempting removal. If symptoms develop and persist, seek medical attention.
- Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
- Symptoms:** May cause allergic contact dermatitis in hypersensitive individuals. Symptoms may include itching, redness, swelling and postulation. Abdominal pain, nausea if ingested. Cough, headache or shortness of breath if inhaled.

## 5. FIRE FIGHTING MEASURES

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Water spray may be ineffective. Oil will float on water and can spread fire.

**Unusual fire or explosion hazard:** Closed container may explode when exposed to extreme heat.

**Hazardous combustion products:** Oxides of carbon. Acrid smoke and fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not allow product to enter sewer or waterways.

**Clean-up method:** Contaminated surfaces will be extremely slippery. Scrape up as much material as possible. Clean residue with soap & water.

## 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed.

**Storage:** Keep in a cool, well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	NIOSH REL
Copper	0.2 mg/m <sup>3</sup> (fume; 1 mg/m <sup>3</sup> (dust and mist, as Cu)	0.1mg/m <sup>3</sup> (as CU fume) 1 mg/m <sup>3</sup> (dust and mist, as Cu)	TWA 1mg/m <sup>3</sup> (as CU) IDLH 100mg/m <sup>3</sup> (as CU)
Petroleum Hydrocarbons	TVL 5mg/m <sup>3</sup> (oil Mist) 8 hr day	None established	None established

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste	<b>Flash point:</b>	Not Available
<b>Color :</b>	Reddish Brown	<b>VOC content:</b>	Essentially 0
<b>Odor:</b>	Mild petroleum	<b>Boiling point / range:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Melting point /range:</b>	Not available
<b>pH:</b>	Not available	<b>Evaporation rate:</b>	Not available
<b>Vapor Pressure:</b>	Not available	<b>Solubility in water:</b>	Insoluble
<b>Specific gravity:</b>	Not available	<b>Partition coefficient:</b>	Not determined
<b>Vapor density:</b>	N/A	<b>Flammable/Explosive limits</b>	
<b>Viscosity:</b>	Not available	Lower limits:	Not available
<b>Autoignition temp:</b>	Not determined	Upper limits:	Not available

## 10. STABILITY AD REACTIVITY

<b>Stability:</b>	Stable at normal conditions.	<b>Incompatible materials:</b> Oxidizing agents. Strong organic & inorganic acids, acetylene. <b>Hazardous decomposition products:</b> Not Available
<b>Reactivity:</b>	Not available.	
<b>Hazardous reactions:</b>	Will not occur.	
<b>Conditions to avoid:</b>	None known	

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Eyes, Inhalation, ingestion

**Potential Health Effects/Symptoms**

**Inhalation:** May cause respiratory tract irritation. Inhalation of high levels of copper compounds may cause tightness of chest, cough, dizziness, fever, chills, headache, nausea, and sore throat.

**Skin contact:** May cause skin irritation.

**Eye contact:** May cause eye irritation.

**Ingestion:** Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Do not induce vomiting.

Hazardous Component(s)	LD50s and LC50s		Immediate and Delayed Effects
Copper	Not available		Allergen, Blood, Central nervous system, Developmental, Gastrointestinal, Immune system, Irritant, Kidney, Liver, Mutagen,  Sensory, Skin
Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Copper	No	No	No

## 12. ECOLOGICAL INFORMATION

In their intended use, this product should not be release into the environment, and adverse effects on ecosystems are not anticipated under normal recommended use, storage, and disposal.

Do not allow into waterways, streams or sewers.

# SAFETY DATA SHEET

Revision Date: 05/15/2015  
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## 13. DISPOSAL CONSIDERATIONS

**Recommended method of disposal:** Dispose of all chemical wastes at an appropriate waste disposal facility. Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: Not a RCRA hazardous waste.

## 14. TRANSPORTATION INFORMATION

US Dept of Transportation (49 CFR) LTD QTY (ORM D)	Water Transportation (IMO/IMDG) Not Determined	Int'l Air Transportation (ICSO/IATA) Not Determined
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Other Shipping Information:

Proper shipping name: RQ, Environmentally hazardous substances, solid, n.o.s. (Copper)

Hazard class or division: 9

Identification number: UN 3077

Packing group: III

DOT Hazardous Substance: Copper

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA:** All components are listed or are exempt from listing on the Toxic Substance Control Act Inventory.

**CERCLA Reportable Qty:** Copper (CAS# 7440-50-8) 5,000 lbs. (2,270 kg)

**SARA Section 302 EHS:** Non above the reporting de minimis

**SARA Section 311/312:** Immediate Health, Delayed Health

**SARA Section 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Copper (CAS# 7440-50-8).

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information DSL/NDL:** All components are listed on or are exempt from listing on the Canadian Domestic Substance List.

## 16. OTHER INFORMATION

Prepared by: Armite Laboratories Inc.

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