

## Safety Data Sheet

**LYNN PEAVEY COMPANY****Lynn Peavey Company  
10749 W. 84th Terrace  
Lenexa, KS 66214****1. Identification**

Product Name:	Lynn Peavey Copper Electric Fingerprint Powder	MSDS Number:	LP CEFP
Item number:	See "Product Codes"	Product Codes:	01905, 06613, 06614, 06615, 06616, 55595
Product use:	Helps reveal fingerprints.		
Chemical Family or Formula:	Mixture		
Supplier:	Lynn Peavey Company 10749 W. 84th Terrace Lenexa, KS 66214	Phone:	913-888-0600
		Fax:	913-495-6757
		Email:	lpv@peaveycorp.com
Product Information:	913-888-0600		
Transportation Emergency:	800-424-9300 (U.S. and North America) (703) 527-3887 (Outside U.S. collect calls accepted)		

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

**2. Hazards identification**

GHS Classification in accordance with 29 CFR 1910

None: Hazards do not reach threshold required for least severe of any category.

GHS Label elements, including precautionary statements

Signal word: None (Hazards do not reach threshold required for least severe category.)

Pictogram: None (Hazards do not reach threshold required for least severe category.)

Hazard statements:

H402 Harmful to aquatic life.

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements:

P273 Avoid release to the environment.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P501 Dispose of contents/ container to an approved waste disposal plant.

15-25% of ingredients are of unknown toxicity (copper).

**3. Composition / Information on ingredients**

Chemical identity:	Copper powder	15-25%	(Sample variation.)
Common name:	Copper powder		
Numbers of identity:	CAS 7440-50-8 EINECS 2931-159-6		
Remaining ingredients are non hazardous			

**4. First-aid measures**

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of danger.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: Severe eye irritation.

Indication of any immediate medical attention and special treatment needed when necessary: No data.

## Safety Data Sheet

**5. Firefighting measures**

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Special hazards: Copper oxides formed along with carbon dioxide.  
Wear self-contained breathing apparatus for firefighting if necessary.  
Use water spray to cool unopened containers

**6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures:  
Wear respiratory protection. Avoid dust formation. Avoid breathing dust if developed.  
Ensure adequate ventilation. Evacuate personnel to safe areas.  
For personal protection see section 8.  
Environmental precautions  
Prevent more spillage if safe to do. Avoid discharge into drains and the environment.  
Arrange pick up and disposal without creating dust. Sweep up or shovel.  
Store in a suitable, closed container for disposal or reclaim.  
For disposal see section 13.

**7. Handling and storage**

Handling:  
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.  
Provide appropriate exhaust ventilation at places where dust is formed.  
Processing of solid materials may result in the formation of combustible dusts.  
Storage:  
Keep container tightly closed in a dry and well-ventilated place.  
Storage class: Flammable solid, hazardous materials

**8. Exposure controls / personal protection**

Information on the system design:

Product is intended for external use only. Stay up wind, out of any dust developed.

Exposure Limits:

Reference 29CFR 1910.1000 Table Z-1

Component Name, CAS#

ACGIH

OSHA

Copper powder CAS 7440-50-8

1 mg/m<sup>3</sup>

1 mg/m<sup>3</sup>

NE= Not Established

Personal protective equipment

Respiratory protection: No requirement anticipated.

Hand protection: No requirement anticipated.

Eye protection: Safety glasses with side-shields.

Skin and body protection: No requirement anticipated.

Hygiene measures :

Wash hands and face before breaks and immediately after handling the product.

Handle in accordance with good industrial hygiene and safety practice.



## Safety Data Sheet

**9. Physical and chemical properties**

Appearance: Copper colored powder  
Odor: Nil  
Odor threshold: Not available  
pH-value: Not applicable  
Melting point: Not available  
Freezing Point: Not available  
Initial boiling point: Not available  
Flash point: Not applicable  
Evaporation rate: Not applicable  
Flammability (solid, gas): Not applicable  
Explosion limits: Not explosive  
Vapor pressure: (highest partial vapor pressure) at 20°C: Not available  
Vapor density: Not available  
Relative density (water=1.00): Not available  
Solubility: 75-85% is soluble or dispersible in water at 20°C  
Partition coefficient: Log Kow = Not applicable to mixture.  
Auto-ignition temperature: Not available  
Decomposition temperature: Not available  
Viscosity: Powder

**10. Stability and reactivity**

Chemical stability: No decomposition, if used according to specifications.  
Possibility of hazardous reactions: strong acids and oxidizing agents.  
Conditions to avoid: keep away from flame and sparks.  
Materials to avoid: oxidizers, halogens.  
Hazardous decomposition products: None are known. Also see Section 5.

**11. Toxicological information**

Acute Toxicity: No information available for finished product.

Test Copper powder  
CAS 7440-50-8

Oral Toxicity LD 50 (Rats) No information  
Dermal Toxicity LD 50 (Rabbit) No information  
Inhalation Toxicity, Vapor, LC50 No information  
Eye Irritation (Rabbit) May irritate eyes  
Dermal Irritation (Rabbit) May irritate skin  
Germ cell mutagenicity: No information

Carcinogenicity: No component listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen is present in this product.

Signs and Symptoms of Exposure:

Material is irritating to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Symptoms include: severe eye irritation.

## Safety Data Sheet

**12. Ecological information**

There is no ecological information available for the product.

**Copper**

Toxicity to fish mortality LOEC - Oncorhynchus mykiss - 0.022 mg/l - 96 h

**Product:** No data available.

Persistence and degradability:

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment:

PBT/ vPvB assessment not available.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

**13. Disposal considerations**

Dispose in accordance with local, state and federal regulations.

Dispose of contaminated packaging as unused product.

**14. Transport information****DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**15. Regulatory information**

Inventory Status:

All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

**U.S. Regulations:**

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES:

None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
Copper	7440-50-8	Not applicable

The following product components are cited on the lists below:

Chemical Name	CAS Number	Right to Know (RTK) List Citations
Copper		MA, PA, NJ

California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## Safety Data Sheet

**16. Other information**

SDS Preparation date: December 3, 2014

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	No	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	No	XXX	XXX	SARA 302/311/312/313.
HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Goggles, gloves)					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

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Note: The information in this SDS was obtained from current reputable and competent sources. However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.