



Revised: 11/10/2010

1. Chemical Product and Contact Information

Product Name: HOPCALITE **Part Number: 507-019**

LECO Corporation**3000 Lakeview****St. Joseph, Michigan 49085****Information: 269-983-5531****Chemtrec: 800-424-9300****(Chemtrec Int'l: 703-527-3887)****2. Composition/Information on Ingredients**

| <u>Component</u> | <u>CAS No.</u> | <u>OSHA PEL (mg/m³)</u> | <u>ACGIH TLV (mg/m³)</u> | <u>Typical % by Weight</u> |
|-------------------|----------------|----------------------------------------|-----------------------------------------|--------------------------------|
| Cupric Oxide | 1317-38-0 | 0.1 | 0.2 | 90 |
| Manganese Dioxide | 1313-13-9 | 5 | 5 | 10 |

3. Hazard Identification**EMERGENCY OVERVIEW**

Serious inhalation health risk. Grayish black granules.

Potential Health Effects

EYES: Can cause irritation.

SKIN: Can cause irritation.

INHALATION: Can cause irritation of upper respiratory tract, discomfort, coughing, nasal discharge, and other symptoms similar to those of a bad cold. Drying of the mucous membranes might also be experienced.

INGESTION: None identified.

MEDICAL CONDITIONS AGGRAVATED: Wilson's disease.

CHRONIC OVEREXPOSURE: None identified.

ACUTE OVEREXPOSURE: See above.

CARCINOGENICITY: None.

P/N: 507-019

4. First Aid Measures

EYES: Immediately wash with large amounts of water, occasionally lifting upper and lower lids. Get medical attention immediately.
 SKIN: Wash with soap and water.
 INHALATION: Remove to fresh air.
 INGESTION: Give two glasses of milk or water and induce vomiting by having patient touch the back of his throat with his finger. Call a physician immediately. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Non-flammable.
 Flash Point: Not available. Method Used: Not applicable.
 Flammable Limits (% by Volume in Air):
 Lower: None. Upper: None.
 AUTO-IGNITION TEMPERATURE: Not applicable.
 HAZARDOUS COMBUSTION PRODUCTS: None known.
 EXTINGUISHING MEDIA: Use extinguishing agent appropriate to surrounding fire.
 FIREFIGHTING INSTRUCTIONS: Not available.

6. Accidental Release Measures

SMALL/LARGE SPILL: Wear protective clothing. With a clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

7. Handling and Storage

HANDLING: Observe personal protective measures and exposure limits.
 STORAGE: Keep container closed. Suitable for any general chemical storage area.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Good general or local exhaust ventilation should be provided to keep concentrations below exposure limits.
 RESPIRATORY PROTECTION: Respiratory protection required if airborne concentration exceeds TLV.
 SKIN AND HAND PROTECTION: Rubber gloves are recommended.
 EYE AND FACE PROTECTION: Safety goggles are recommended.
 OTHER PROTECTIVE EQUIPMENT: Not available.

9. Physical and Chemical Properties

APPEARANCE: Grayish black granules.
BOILING POINT: Not established.
FREEZE-MELT POINT: Not established.
VAPOR PRESSURE (mm): Not established.
VAPOR DENSITY (air = 1): Not available.
SOLUBILITY IN WATER: Insoluble.
SPECIFIC GRAVITY: Not established.
pH: Not available.
ODOR: Odorless.
PERCENT VOLATILES: Not available.
EVAPORATION RATE (Butyl Acetate = 1): Not established.

10. Stability and Reactivity

CHEMICAL STABILITY: Stable.
INCOMPATIBILITY: Strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

Not available.

12. Ecological Information

Not available.

13. Disposal Consideration

Comply with Federal, state and local environmental regulations. Cover to prevent blowing of dust.

14. Transportation Information

U.S.A. DOT: Not regulated.

15. Regulatory Information

U.S. FEDERAL REGULATIONS:
 TSCA STATUS: On Toxic Substance Control Inventory.
 CERCLA REPORTABLE QUANTITY: None.
 SARA TITLE III:
 Section 302 Extremely Hazardous Substances: None.
 Section 311/312 Hazardous Categories: Acute.
 Section 313 Toxic Chemicals: None.
 RCRA STATUS: Not regulated.

CANADIAN REGULATIONS:
 WHMIS: Not regulated.

16. Other Information

Hazard Index: (0 - 4, 4 = Extreme)
Health: 2 Fire: 0 Reactivity: 0

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