

1. Chemical Product and Contact Information**Product Name: Diamond Cut Off Wheel****P/N: 801-136****801-137****LECO Corporation****3000 Lakeview****St. Joseph, MI, 49085****Information: 616-983-5531****Chemtrec: 800-424-9300****(Chemtrec Int'l: 202-483-7616)****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>Other Limits</u>	<u>Typical % by Weight</u>
Copper	7440-50-8	1	1		65 - 85
Tin	7440-31-5	2	2		10 - 25
Tungsten Carbide	12070-12-1	5	5		5 - 20

3. Hazard Identification**EMERGENCY OVERVIEW**

No unusual fire or spill hazard; minor long-term inhalation health hazard. Solid product; may give off odor in use.

Potential Health Effects

EYES: Dust may irritate.

SKIN: Some may experience skin irritation from dust.

INHALATION: Coughing, shortness of breath.

INGESTION: No known adverse effects, but ingestion not recommended.

MEDICAL CONDITIONS AGGRAVATED: Dust generated during grinding may aggravate preexisting respiratory conditions.

CHRONIC OVEREXPOSURE: Chronic inhalation may affect breathing capacity.

ACUTE OVEREXPOSURE: See above. Grinding may create elevated sound levels which may affect hearing.

CARCINOGENICITY: None.

4. First Aid Measures

EYES: Wash with large amounts of water. Obtain first aid and medical assistance if needed.

SKIN: Wash affected areas with soap and water. Obtain medical assistance.

INHALATION: Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.

INGESTION: Obtain medical assistance.

P/N: 801-136

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: Not available.
EXTINGUISHING MEDIA: Use water.
FIREFIGHTING INSTRUCTIONS: Not available.

6. Accidental Release Measures

SMALL/LARGE SPILL: Normal cleanup procedures.

7. Handling and Storage

HANDLING: Handle with adequate ventilation. See OSHA 29 CFR 1910.94 (Ventilation) and 29 CFR 1910.1000 (Air Contaminants). See ANSI Standard B7.1.
STORAGE: Keep container closed.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Local or general mechanical ventilation recommended.
RESPIRATORY PROTECTION: As needed. For approved dust respirators see OSHA 29 CFR 1910.134.
SKIN AND HAND PROTECTION: Gloves as desired by user.
EYE AND FACE PROTECTION: Recommended (see OSHA 29 CFR 1910.133).
OTHER PROTECTIVE EQUIPMENT: As needed hearing protection (see OSHA 29 CFR 1910.95 (Hearing Protection)).

9. Physical and Chemical Properties

APPEARANCE: Solid product.
BOILING POINT: Not available.
FREEZE-MELT POINT: > 428° F. (220° C.)
VAPOR PRESSURE (mm): Not applicable.
VAPOR DENSITY (air = 1): Not applicable.
SOLUBILITY IN WATER: Slightly soluble.
SPECIFIC GRAVITY: 2 - 4
pH: Not applicable.
ODOR: May give off odor in use.
PERCENT VOLATILES: Not available.
EVAPORATION RATE (Butyl Acetate = 1): Not available.

10. Stability and Reactivity

CHEMICAL STABILITY: Stable.

INCOMPATIBILITY: Not available.

HAZARDOUS DECOMPOSITION PRODUCTS: In use, dusts are generated. In most cases, the airborne material removed from the workpiece will be significantly greater than the grinding wheel components. Coolants may produce other decomposition products.

HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

None reported.

12. Ecological Information

Not available.

13. Disposal Consideration

Standard landfill methods consistent with applicable federal, state & local laws.

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:

Chronic.

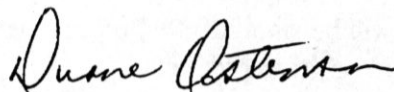
Section 313 Toxic Chemicals:

Copper is reportable.

RCRA STATUS: Not regulated

16. Other Information**Hazard Index: (0 - 4, 4 = Extreme)****Health: 1****Fire: 0****Reactivity: 0**

Prepared By:

**Duane Ostenson**

Information herein is given in good faith as authoritative and valid; however, no warranty, expressed or implied can be made.