Copper phthalate

**Acros Catalog #: AC405410050**

*** This product is for research and development purposes only. ***

**MATERIAL SAFETY DATA SHEET**

Acros Organics
711 Forbes Avenue
Pittsburgh, PA 15219-4785
1-800-ACROS-01 (1-800-227-6701)
For Emergency Transportation Information call CHEMTREC: 800-424-9300

**Date of Preparation:** 07/23/86  **Accession Number:** 905589
**Modified by Fisher Scientific:** 12/94

**SECTION I. IDENTIFICATION**

- **Product Name:** Copper Phthalocyanine Tetrasulfonic Acid Tetrasodium Salt
- **Synonym(s):** Acid Blue 243
- **Microchem. Comp. No.:** 002 52 9A
  - **CAS No.:** 117 9225, 117 9233
- **Chem. Nos.:** 95589

**SECTION II. PRODUCT AND COMPONENT HAZARD DATA**

**ACGIH**

- **Component:** Copper Phthalocyanine Tetrasulfonic Acid Tetrasodium Salt
- **Percent:** ca. 100
- **TLV:** ca. 100
- **CAS Reg. No.:** 27360-85-8
- **SECTION III. PHYSICAL DATA**

- **Appearance:** Dark blue or purple powder
- **Melting Point:** Not Available
- **Vapor Pressure:** Negligible
- **Evaporation Rate:** (n-butyl acetate = 1): Negligible
- **Volatility:** Fraction by Weight: Negligible
- **Specific Gravity (Water = 1):** Not Available
- **Solubility in Water:** (by Weight): Moderate

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

- **Flash Point:** Not Applicable
- **Extinguishing Media:** Water spray; Dry chemical; Carbon dioxide
- **Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing.
- **Unusual Fire and Explosion Hazards:** Fire or excessive heat may produce hazardous decomposition products. This material may be present in sufficient quantity and reduced particle size is capable of creating a dust explosion.

**SECTION V. REACTIVITY DATA**

- **Stability:** Stable
- **Incompatibility:** Strong oxidizers
- **Hazardous Decomposition Products:** Combustion will produce carbon dioxide and probably carbon monoxide. Oxides of nitrogen and sulfur may also be present.
- **Hazardous Polymerization:** Will not occur.

**R-0094.800A**

**SECTION VI. TOXICITY AND HEALTH HAZARD DATA**

**A. EXPOSURE LIMITS:** Not established.

**B. EXPOSURE EFFECTS:**
- **Inhalation:** Low hazard for usual industrial handling.
- **Skin:** Low hazard for usual industrial handling.
- **Eye:** No specific hazard known. Contact may cause transient irritation. Ingestion: Expected to be a low ingestion hazard.

**C. FIRST AIDS:**
- **Inhalation:** None should be needed.
- **Skin:** None should be needed.
- **Eye:** Flush eyes with plenty of water.
- **Ingestion:** None should be needed.

**SECTION VII. VENTILATION AND PERSONAL PROTECTION**

**A. VENTILATION AND RESPIRATORY PROTECTION:**
Good ventilation should be sufficient.

**B. SKIN AND EYE PROTECTION:**

**SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS**

- **Keep from contact with oxidizing materials.**

**SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES**

- **Sweep up material and package for safe feed to an incinerator.**
- **Do not attempt to neutralize by using water, sodium bicarbonate, or other dry chemicals.**

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and their safety and health of employees and customers.

**R-0094.800A**
86-7300 905589*