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INDEX: D52547429 CAT NO: AC405410050 PO NBR: QG2716

Copper phthalo

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 249
- Formula: C<sub>32</sub>H<sub>16</sub>Cu N<sub>8</sub>O<sub>12</sub>S<sub>4</sub>Na
- CAT No(s): 117 9225; 117 9233
- Chem. No(s): 05589

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

COMPONENT(S):	Percent	ACGIH	TLV(R)	CAS Reg. No.
Copper Phthalocyanine Tetrasulfonic Acid Tetrasodium Salt	ca. 100	---	---	27360-85-6

SECTION III. PHYSICAL DATA

- Appearance: Dark blue or purple powder
- Melting Point: Not Available
- Vapor Pressure: Negligible
- Evaporation Rate (n-butyl acetate = 1): Negligible
- Volatile 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 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.

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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 AID:

- 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:

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Safety glasses recommended in industrial operations involving chemicals.  
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.  
Dispose by incineration or contract with licensed chemical waste disposal agency. Discharge, treatment, or disposal may be subject to federal, state or local laws.

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 the safety and health of employees and customers.

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