

**EMS CATALOG NO: 11150**  
**EMS PRODUCT: Azocarmine G**  
**DATE: 10/01/2008**  
**PAGE NUMBER: One of 3**

**MATERIAL SAFETY DATA SHEET**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Electron Microscopy Sciences assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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FOR PRODUCT AND SALES INFORMATION

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CONTACT ELECTRON MICROSCOPY SCIENCES OFFICE ABOVE.

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PRODUCT IDENTIFICATION

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PRODUCT NAME: **Azocarmine G**  
SYNONYM: Acid Red 101, C.I. 50085

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HAZARDOUS INGREDIENTS

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NAME: Azocarmine G  
THRESHOLD LIMIT VALUES: NE  
HAZARDOUS COMPONENTS:  
Not listed as hazardous by OSHA, ACGIH, or NFPA as a hazardous material.

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## PHYSICAL DATA

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BOILING POINT: N/D  
VAPOR PRESSURE: N/D  
at degrees  
VAPOR DENSITY: N/D  
SOLUBILITY IN WATER: Slightly soluble  
MELTING POINT: N/D  
APPEARANCE AND ODOR: Bluish-red solid

VOLATILE BY VOLUME: N/D  
EVAPORATION RATE: N/D  
(Butyl Acetate = 1)  
SPECIFIC GRAVITY: N/D

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## EXPLOSION AND FIRE HAZARD DATA

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FLASH POINT: N/D  
TEST MODE: N/D  
FLAMMABLE LIMITS:  
LEL: N/D UEL: N/D  
EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical powder, foam.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must wear  
self-contained breathing apparatus and fully protective  
equipment.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NE

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## HEALTH HAZARD

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THRESHOLD LIMIT VALUE: NE  
EFFECTS OF OVEREXPOSURE: The full chemical, physical and  
toxicological properties of this material are not known.  
Handle the product with the care required by good laboratory  
practice.

### **FIRST AID:**

SKIN CONTACT: Wash affected area with copious amounts of water.  
EYE CONTACT: Flush eyes with water for at least 15 minutes.  
INHALATION: Remove to fresh air. Give oxygen or artificial  
respiration, as needed.  
INGESTION: Drink 1 or 2 glasses of water. Call physician.  
Seek medical treatment if discomfort persists.

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## REACTIVITY DATA

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STABILITY: Stable.

CONDITIONS TO AVOID: NE

INCOMPATIBILITY: NE

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: NE

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## SPILL OR LEAK PROCEDURES

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RESPIRATORY PROTECTION: OSHA/MHSA approved respirator if dust level is higher than 10mg/m<sup>3</sup>.

VENTILATION: Normal room

PROTECTIVE GLOVES: Optional.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye bath.

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## SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store material at room temperature. Keep storage container tightly closed. Avoid prolonged or frequent exposure. Wash thoroughly after handling.

N/A = Not applicable; NE = Not established; N/D = No data

OSHA = Occupational Safety and Health Administration

ACGIH = American Conference of Governmental Industrial Hygienists

NFPA = National Fire Protection Association