

EMS CATALOG NO: 10840
EMS PRODUCT: Aniline Blue
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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.

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FOR PRODUCT AND SALES INFORMATION

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PRODUCT IDENTIFICATION

PRODUCT NAME: Aniline Blue, Certified
CAS NO: 8004-91-9
TRADE NAME: Acid Blue 22
CHEMICAL FAMILY: Triarylmethane Dye
FORMULA: C₃₂H₂₅N₃Na₂O₉S₃
MOLECULAR WEIGHT: N/A

HAZARDOUS INGREDIENTS

NOT AVAILABLE

PHYSICAL DATA

BOILING POINT (C-760 mm Hg.): N/A
MELTING POINT (C-): N/A
SPECIFIC GRAVITY (H2O=1): N/A
VAPOR PRESSURE (mm Hg): N/A 20oC
PERCENT VOLATILE BY VOL (%): N/A
VAPOR DENSITY (Air=1): N/A
EVAPORATION RATE (BuAc=1): N/A
SOLUBILITY IN WATER (%): N/A
APPEARANCE AND ODOR: Purple crystalline powder

FIRE & EXPLOSION HAZARD DATA

FLASH POINT (F): N/A
FLAMMABLE LIMITS LEL %: N/A
FLAMMABLE LIMITS UEL %: N/A
EXTINGUISHING MEDIA: Foam, water, CO2

FIRE FIGHTING PROCEDURE: Wear self-contained breathing apparatus.

FIRE & EXPLOSIVE HAZARDS: Emits toxic fumes on thermal decomposition.

HEALTH HAZARD DATA (ACUTE AND CHRONIC)

ACGIH TLV/OSHA PEL (TWA): None Established
TOXICITY DATA: None Available
SYMPTOMS OF EXPOSURE: Unknown

Avoid breathing dust and avoid contact with skin & eyes.
Do not take internally.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Data not available.
ROUTES OF ENTRY: Inhalation, ingestion or skin contact.
CARCINOGENICITY: Material is not listed as a cancer causing agent.

EMERGENCY FIRST AID:

EYES: Flush with water 15 minutes. Get medical attention.
SKIN: Wash with soap and water. Get medical attention.
INHALATION: Remove to fresh air. Get medical attention.
INGESTION: Get medical attention.

REACTIVITY DATA

STABILITY: Yes
CONDITIONS TO AVOID: N/A
HAZARDOUS POLYMERIZATION: Data not available.

ENVIRONMENTAL PROTECTION PROCEDURES

SPILL RESPONSES: Take up and containerize for disposal.
WASTE DISPOSAL: To be performed in compliance with all current local, State and Federal regulations.

SPECIAL PROTECTION INFORMATION

Ventilation, Respiratory, Clothing and Eye protection:

Provide adequate exhaust ventilation.
Protect eyes and skin with safety goggles and gloves.
Dust respirator may be required.

HANDLING & STORAGE: Not available.
WORK HYGIENIC PRACTICES: Wash thoroughly after handling.
Do not take internally.
Eye wash and safety equipment should be readily available.

NFPA HAZARD RATINGS

Health: N **Flammability:** N **Reactivity:** N **Special Hazards:** N/A