

EMS CATALOG NO: 10350
EMS PRODUCT: Alcian Blue 8 GS
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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.

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.

ELECTRON MICROSCOPY SCIENCES

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FOR PRODUCT AND SALES INFORMATION

CONTACT ELECTRON MICROSCOPY SCIENCES OFFICE ABOVE.

PRODUCT IDENTIFICATION

PRODUCT NAME: Alcian Blue 8 GS (8GX), for Microscopy

CAS NUMBER: 33864-99-2

FORMULA: C₅₆H₆₈N₁₆S₄Cu

HAZARDS IDENTIFICATION

LABEL PRECAUTIONARY STATEMENTS: Caution - Avoid contact and inhalation.

FIRST AID MEASURES

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

In case of contact, immediately wash skin with soap and copious amounts of water.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious.

Call a Physician. Wash contaminated clothing before reuse.

PHYSICAL DATA

APPEARANCE AND ODOR: Blue powder

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water Spray, carbon Dioxide, dry chemical powder, appropriate foam.

SPECIAL FIREFIGHTING PROCEDURES:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS:

Emits toxic fumes under fire conditions.

STABILITY/REACTIVITY DATA

INCOMPATIBILITIES: Strong oxidizing agents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:
TOXIC FUMES OF:

Carbon Monoxide, carbon dioxide, nitrogen oxides, sulfur oxides,
hydrogen chloride gas.

ACCIDENTAL RELEASE/DISPOSAL CONSIDERATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear respirator, chemical safety goggles, rubber boots, and heavy
rubber gloves. Sweep up, Place in a bag and hold for waste
disposal. Avoid raising dust. Ventilate area and wash spill
site after material pickup is complete.

WASTE DISPOSAL:

Dissolve or mix the material with a combustible solvent and burn in a
chemical incinerator equipped with an afterburner and scrubber.
Observe all Federal, State, and Local Environmental Regulations.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles. Compatible chemical resistant gloves. Niosh/MSHA ap-
proved respirator. Safety shower and eye bath. Mechanical exhaust required. Avoid in-
halation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated expo-
sure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place.

TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

May be harmful by inhalation, ingestion or skin absorption. May cause eye irritation. May cause skin irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

ADDITIONAL INFORMATION:

Chronic copper poisoning is typified by hepatic cirrhosis, brain damage and demyelination, kidney defects, and copper deposition in the cornea as exemplified by humans with Wilson's Disease. It has also been reported that copper poisoning has lead to hemolytic anemia and accelerates arteriosclerosis.

REGULATORY INFORMATION

This product is subject to SARA SECTION 313 reporting requirements.
Not a DOT regulated chemical.