

# FLINN SCIENTIFIC, INC.

## Material Safety Data Sheet (MSDS)

MSDS #: 87.00

Revision Date: December 14, 2011

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### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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#### Azure A

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

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### SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

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Azure A

Synonym: CI# 52005

CAS#: 531-53-3

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### SECTION 3 — HAZARDS IDENTIFICATION

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Dark green/brown powder or crystals.

Irritation to eyes, skin, and mucous membranes. Avoid breathing the dust.

#### FLINN AT-A-GLANCE

Health-0

Flammability-0

Reactivity-1

Exposure-1

Storage-0

0 is low hazard, 3 is high hazard

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### SECTION 4 — FIRST AID MEASURES

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Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye or External: Immediately flush with fresh water for at least 15 minutes.

Internal: Rinse mouth. Give large quantities of water for dilution. Call a physician or poison control at once.

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### SECTION 5 — FIRE FIGHTING MEASURES

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Nonflammable solid.

#### NFPA CODE

None  
established

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### SECTION 6 — ACCIDENTAL RELEASE MEASURES

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Restrict unprotected personnel from the area. Ventilate area. Avoid creating a dust. Gather up material in a pile (do not sweep). Place in a suitable container and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

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### SECTION 7 — HANDLING AND STORAGE

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Flinn Suggested Chemical Storage Pattern: Organic #9. Store with dyes, indicators, and stains.

Store in a cool, dry place.

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### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

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Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Dark green/brown powder.

Solubility: Soluble in water. Sparingly soluble in alcohol.

Formula: C<sub>14</sub>H<sub>14</sub>ClN<sub>3</sub>S

Formula weight: 291.79

Melting point: 290 °C (decomposes)

Absorbance maximum: 633 nm

Used as biological stain and dye.

Similar to methylene blue.

Discontinued product

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with strong oxidizers.

Shelf life: Indefinite, if stored properly.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Irritant.

Chronic effects: N.A.

Target organs: N.A.

ORL-RAT LD<sub>50</sub>: 38 mg/kgIHL-RAT LC<sub>50</sub>: N.A.SKN-RBT LD<sub>50</sub>: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply, before proceeding.

Flinn Suggested Disposal Method #26a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated

Hazard class: N/A

UN number: N/A

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed, EINECS-listed (208-510-7).

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**SECTION 16 — OTHER INFORMATION**

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**Consult your copy of the *Flinn Science Catalog/Reference Manual*  
for additional information about laboratory chemicals.**