SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FD&C Red 40 Food Dye

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261
CHEMTREC Emergency Phone Number: (800) 424-9300

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

FD&C Red #40
Synonyms: Allura; C.I. Food Red 17
CAS#: 25956-17-6

SECTION 3 — HAZARDS IDENTIFICATION

Slightly hazardous by skin and contact. May be absorbed through skin. Irritating to skin and eyes. The dye has been stored with other, non-food grade chemicals and is not for consumption.

SECTION 4 — FIRST AID MEASURES

Call a physician, 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: Immediately flush with fresh water for 15 minutes.
External: Wash with mild soap and water.
Internal: Rinse mouth with water and give large quantities of water.

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.
When heated to decomposition emits carbon monoxide, carbon dioxide, sulfur oxides, nitrogen oxides, and some metal oxides.

Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and ventilate area. Place spilled solid in sealed bag or appropriate waste disposal container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

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

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.
Exposure guidelines: None established.

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Dark red-brown solid. Odorless.
Solubility: Water
Formula: C_{18}H_{14}N_{2}O_{8}S_{2}Na
Formula Weight: 496.42

SECTION 10 — STABILITY AND REACTIVITY

Shelf Life: Indefinite.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritating to skin and eyes.
Chronic effects: N.A.
Target organs: May be reproductive hazard based on animal data.

ORL-RAT LD_{50}: >10,000 mg/kg
IHL-RAT LC_{50}: N.A.
SKN-RBT LD_{50}: >10,000 mg/kg

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

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please consult with state and local regulations.
Flinn Suggested Disposal Method #26a is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping Name: Not regulated
Hazard Class: N/A
UN Number: N/A
N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

TSCA-listed: FD&C Red 40

SECTION 16 — OTHER INFORMATION

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