SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Methyl Orange

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

Methyl Orange
Synonym: C.I. 13025
CAS#: 547-58-0

SECTION 3 — HAZARDS IDENTIFICATION

Orange powder. Burnt rubber-like odor.
Highly toxic by ingestion.

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 continuously with fresh water and mild soap for 15 minutes.
Internal: Give large quantities of water. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Noncombustible solid.
Release toxic fumes upon decomposition.
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. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Store in a cool dry place. Use and dispense in a hood.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES
Orange powder. Burnt rubber-like odor.
Acid/Base indicator: pH 3.0 red to 4.4 yellow.
Solubility: Soluble in hot water. Insoluble in alcohol.
Formula: C14H15N3O3S.Na
Formula Weight: 328.33

SECTION 10 — STABILITY AND REACTIVITY
Avoid contact with strong oxidizers.
Shelf life: Indefinite.

SECTION 11 — TOXICOLOGICAL INFORMATION
Acute effects: Highly toxic
Chronic effects: N.A.
Target organs: N.A.

ORL-RAT LD50: 60 mg/kg
IHL-RAT LC50: N.A.
SKN-RBT LD50: N.A.

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: Toxic solids, organic, N.O.S.
Hazard Class: 6.1, Keep away from food
UN Number: UN2811
N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION
TSCA-listed, EINECS-listed (208-925-3).

SECTION 16 — OTHER INFORMATION
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