
Section 1 — Chemical Product and Company Identification

meta-Nitrophenol Indicator Solution

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

meta-Nitrophenol (554-84-7), 0.3%, ethyl alcohol (64-17-5), 10% and water (7732-18-5), 90%.

CAS#: None Established

Section 3 — Hazards Identification

Yellow solution, faint alcohol odor.

Moderately toxic by ingestion, inhalation, and skin absorption. Body tissue irritant. Avoid all body contact.

FLINN AT-A-GLANCE

Health-1

Flammability-0

Reactivity-0

Exposure-0

Storage-0

0 is low hazard, 3 is high hazard

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.

External/Eye: Immediately flush with fresh water for 15 minutes. Transport to medical facility immediately.

Internal: Rinse out mouth, give 1 to 2 cups of water or milk, induce vomiting. After vomiting, give mixture of 2 Tbs. of activated charcoal mixed with one cup of water. Call a physician or poison control at once.

Section 5 — Fire Fighting Measures

Contains 10% ethyl alcohol, may be combustible.

NFPA CODE

None Established

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. Contain spill with sand or absorbent material, deposit in sealed bag or container. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

Section 7 — Handling and Storage

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

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.

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

Material Safety Data Sheet (MSDS)

meta-Nitrophenol Indicator Solution

MSDS #: 554.45

Revision Date: November 19, 2003

Section 9 — Physical and Chemical Properties

Yellow solution, faint alcohol odor.
Solubility: Soluble in water and alcohol.
Formula: O₂NC₆H₄OH
Formula Weight: 139.11

Section 10 — Stability and Reactivity

Avoid contact with strong oxidizers.
Shelf Life: Good.

Section 11 — Toxicological Information

Acute effects: Toxic, irritant, fever, nausea.	ORL-RAT LD50: 328 mg/kg as meta- nitrophenol
Chronic effects: Possible mutagen.	IHL-RAT LC50: N.A.
Target organs: Blood, central nervous system, muscles.	SKN-RBT LD50: 20 mg/24h

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 26b is one option.

Section 14 — Transport Information

Flammable Liquids, N.O.S. (Contains Ethyl Alcohol)
Flammable Liquid, 3
UN1993, PG II

N/A = Not applicable

Section 15 — Regulatory Information

TSCA-listed, EINECS-listed (209-073-5).

Section 16 — Other Information

Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

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*Questions on Chemical Disposal
or Storage?--Call Flinn*

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