

IDENTITY: Indophenol Powder

Section I – Manufacturer Information

EM Science
A Division of EM Industries
480 Democrat Road
Gibbstown, NJ 08027

Telephone Number for Information:
(856) 423-6300
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EMERGENCY NUMBER: (800) 424-9300 (Chemtrec)

Section II – Hazard Ingredients/Identity Information

Indophenol 100%

Trade names: Indophenol from naphthol, C.I. 49700, (N-(p-dimethylaminophenyl)-1, 4-naphthoquinimine)

Section III – Physical/Chemical Characteristics

Boiling Point: Not available
Vapor Pressure: Not applicable
Vapor Density: Not applicable

Specific Gravity: Not available
Melting Point:
Evaporation Rate: Not applicable

Solubility in Water:
Appearance and Odor: Dark brown powder

Chemical formula – $(\text{CH}_3)_2\text{N}\cdot\text{C}_6\text{H}_4\cdot\text{C}_{10}\text{H}_6\text{O}$

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): Not applicable
LEL: Not applicable

Flammable Limits: Noncombustible
UEL: Not applicable

Extinguishing Media: Use an extinguisher appropriate for surrounding material that is burning.
Firefighters should wear self-contained breathing apparatus.

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards:

Section V – Reactivity Data

Stable or Unstable? Normally stable

Conditions to Avoid:

Incompatibility (Materials to Avoid): Oxidizers

Hazardous Decomposition or Byproducts: NO_x

Hazardous Polymerization May Occur or Will Not Occur?

Conditions to Avoid:

Section VI – Health Hazard Data

Routes of Entry

Inhalation: No information available

Skin: No information available

Ingestion: May be harmful

Eye: May irritate

Carcinogenicity – No information available

NTP:

IARC Monographs:

OSHA Regulated:

Health Hazards:

Signs and Symptoms of Exposure:

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedure:

Inhalation – Take proper precautions to ensure your own safety before attempting rescue. Remove source of contamination or move victim to fresh air. If breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.

Ingestion – If swallowed, give water to drink. Induce vomiting if medical help is not immediately available. Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 200-400 ml of water to dilute. If breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.

Eyes – Flush the contaminated eye(s) for at least 15 minutes with lukewarm running water, holding the eyelids open. Take care not to rinse contaminated water into the non-affected eye. Always seek medical attention for accidents involving the eye.

Skin – Flush the contacted area with lukewarm water for at least 15 minutes. Remove contaminated clothing, taking care not to spread the chemical. If contamination is extensive, remove clothing under running water. Discard or decontaminate clothing under running water. Discard or decontaminate clothing before use. Unless contact has been slight, seek medical attention. Seek medical attention if irritation persists.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Before dealing with spillages take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. Transfer carefully into container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

Waste Disposal Method: Follow all federal, provincial and local regulations for disposal. Use only licensed disposal and waste hauling companies.

Precautions to be Taken in Handling and Storing: Store in suitable labeled containers. Keep containers tightly closed when not in use and when empty. Protect from damage. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store away from incompatible materials.

Other Precautions:

Section VIII – Control Measures

Respiratory Protection: Dust mask if handling large quantities.

Ventilation

Local Exhaust: Preferred

Mechanical:

Special:

Other:

Protective Gloves: Rubber, plastic

Eye Protection: Chemical safety glasses

Other Protective Clothing or Equipment: Plastic apron, sleeves and boots as appropriate.

Work/Hygiene Practices:

Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.