

# Material Safety Data Sheet

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## INDOLE-3-ACETIC ACID (IAA)

### Section 1: Chemical Product Identification

**Product Name:** INDOLE-3-ACETIC ACID (IAA) (3-Indoleacetic acid)

**Product Code:** 606

**CAS#:** 87-51-4

**CI#:** NA

**Synonym:** NA

**Chemical Formula:** NA

### Section 2: Composition/Information on Ingredients

Ingredients	CAS No.	% by Weight
INDOLE-3-ACETIC ACID	87-51-4	100%

### Section 3: Hazards Identification

The substance is not classified as hazardous

### Section 4: First Aid Measures

#### Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

#### Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

#### Serious Skin Contact:

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Not available

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Not available.

**Ingestion:**

If swallowed, wash out mouth with water provided person is conscious. Seek immediate medical attention.

**Serious Ingestion:** Not available

## Section 5: Fire Fighting Measures

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can form explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** For small fires, use water spray, dry chemical, carbon dioxide or chemical foam. Use agent most appropriate to extinguish fire.

## Section 6: Accidental Release Measures

Procedures for Cleanup: Stop release if possible to do so safely. Contain spill, isolate hazard area, and deny entry. Sweep up or vacuum. Place contaminated material in suitable, labeled containers for final disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

Personal Precautions: Gloves and coveralls or other protective clothing are recommended for persons responding to an accidental release. Close-fitting safety goggles may be necessary in some circumstances to prevent eye contact.

Environmental Precautions: This product can pose a threat to the environment. Contamination of soil and water should be prevented. Keep spillage and runoff from storage areas from entering soil, streams or sewers.

## Section 7: Handling and Storage

**Precautions:**

Protect from physical damage. It is good practice to keep it in container closed when not in use. Avoid generating dust and the release of dust into the workplace. Good housekeeping is important to prevent accumulations of dust. Always practice good personal hygiene. Refrain from eating, drinking, or smoking in work areas.

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**Storage:**

Store in a cool, well ventilated area and protect direct sunlight.

## Section 8: Exposure Controls/Personal Protection

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:**

Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

**Exposure Effect:** Not available

## Section 9: Physical and Chemical Properties

<b>Physical state :</b>	Leaflet crystalline powder.
<b>Color:</b>	Not available
<b>pH:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Melting Point:</b>	165-169°C
<b>Solubility:</b>	Sparingly soluble in water & chloroform in freely soluble in alcohol, Acetone and ether.

## Section 10: Stability and Reactivity Data

**Stability:** Stable under recommended storage condition

## Section 11: Toxicological Information

Not available

## Section 12: Ecological Information

Not available

## Section 13: Disposal Consideration

Do not wash the material down drain. Put uncontaminated material back into the process if at all possible. Place contaminated material in suitable, labeled containers for disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

## Section 14: Transport Information

**DOT Classification:** Not a Dot controlled

**Identification:** not available

**Special Provisions for Transport:** Not applicable.

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## Section 15: Regulatory Information

**Federal and State Regulations:** Not available

**Protective Equipment:** Gloves, Lab coat, Safety glasses, Dust respirator - be sure to use an approved/certified respirator or equivalent..

## Section 16: Other Information

**References:** Not available.

**Other Special Considerations:** Not available.

### Disclaimer:

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