

I Identification

Product Name: **Indole-3-acetic Acid (IAA)**

Catalog Number: **I001**

Synonyms: **IAA**

Company: **Caisson Laboratories**

Address: **836 South 100 East, Smithfield, UT 84335**

Telephone: **435.755.7615**

Fax: **435.755.7617**

Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

Recommended Use:

Restrictions On Use:

II Hazard(s) Identification

Overview:

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **1**

Flammability: **0**

Reactivity: **0**

Special:

Pictograms:

III Composition / Information on Ingredients

General Information:

Component:

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

% by Weight: **Indole-3-Acetic Acid 90-100%**

IV First-Aid Measures

General Information:

Route of Exposure

Oral: **Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.**

Inhalation: **If inhaled, move to fresh air, if breathing becomes difficult. Call a physician.**

Dermal: **Immediately wash skin with soap and copious amounts of water. Call a physician.**

Eye: **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.**

V Fire-Fighting Measures

General Information:

Flammable Properties

General:

Flash Point:

Ignition Temperature:

Suitable Extinguishing Media: **Use extinguishing media appropriate to surrounding fire conditions.**

Special Protective Equipment for fire fighters: **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Additional Information:

VI Accidental Release Measures

General Information: **Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.**

VII Handling and Storage

Handling: **Avoid formation of dust and aerosols.**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: **0 to -20°C**

VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures: **A system of local and/or general exhaust is recommended.**

Personal Protective Equipment

General:

Eye Protection: **Wear safety glasses or goggles.**

Hand Protection: **Wear protective gloves.**

Respiratory Protection: **Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 respirator.**

Skin and Body Protection: **Wear clean body-covering clothing.**

Hygiene Measures: **Handle in accordance with good industrial hygiene and safety practices.**

IX Physical and Chemical Properties

General Information:

Appearance: **Off-White powder**

pH:

Specific Gravity:

Melting Point: **165-168C**

Boiling Point:

Flash Point:

Flammability Range:

Vapor Pressure:

X Stability and Reactivity

General Information: **Stable under recommended storage conditions.**

Storage Stability

Temperature: **Less Than 0 degrees C**

Light Sensitive: **True**

Incompatibles: **Strong oxidizing agents**

Hazardous Decomposition Products: **Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)**

XI	Toxicological Information
<p>General Information:</p> <p>Acute Toxicity: RTECS: NL3150000</p> <p>Chronic Toxicity:</p> <p>Local Effects:</p> <p>Target Organs:</p> <p>Carcinogenicity:</p> <p>OSHA Permissible Exposure Limits:</p>	
XII	Ecological Information
<p>General Information:</p>	
XIII	Disposal Considerations
<p>General Information:</p> <p>Disposal of Product: Observe all federal, state and local environmental regulations.</p> <p>Disposal of Packaging: Dispose of as unused product.</p>	
XIV	Transport Information
<p>Proper Shipping Name: CHEMICALS, N.O.S (NON-REGULATED)</p> <p>UN#:</p> <p>Class:</p> <p>Packaging Group:</p> <p>Hazard Label:</p>	
XV	Regulatory Information
<p>General Information:</p> <p>TSCA:</p> <p>SARA 313:</p>	
XVI	Other Information
<p>General Information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.</p>	

Last Revision Date: 16 Jul, 2010