



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. IX 40
Effective Date March 8, 1999

SECTION V HEALTH HAZARD DATA

IX 40

Threshold Limited Value None established (ACGIH 1992-93).
Toxicity data: oral-mouse LD50: 100 mg/Kg.

Effects of Overexposure May be harmful by inhalation, ingestion or skin absorption. Irritant to skin and eyes. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures
SKIN: Wash with soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INGESTION:** If swallowed, if conscious, give large quantities of water or milk to drink and get medical attention. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Oxidizers.

Hazardous Decomposition Products Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide and toxic fumes of oxides of nitrogen (NO_x).

Hazardous Polymerization	Conditions to Avoid		Not applicable.
	May Occur	Will Not Occur	
		X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Recover for use if not contaminated. Provide adequate ventilation. Sweep up and place in a suitable container for disposal. Ventilate well and wash spill area with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved incinerator or contract with a licensed waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. In dusty conditions, use a NIOSH/MSHA-approved respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, lab coat, apron, ventilation hood, eye wash station and proper gloves.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in closed containers, in a cool, dry place. Wash thoroughly after handling.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.
Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Remove and wash contaminated clothing before reuse.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 4	Date 3/8/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	3-INDOLEBUTYRIC ACID	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * Health 2 Fire 1 Reactivity 1
Chemical Synonyms	Indole-3-butyric acid	
Formula	C ₁₂ H ₁₃ NO ₂	
Unit Size	up to 500 grams.	
C.A.S. No.	133-32-4	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
3-Indolebutyric acid	100%	None established.

CAUTION! MAY BE HARMFUL IF SWALLOWED.

MILD IRRITANT TO SKIN AND EYES.

SECTION III PHYSICAL DATA

Melting Point (°F)	123-125°C (253-257°F)	Specific Gravity (H₂O = 1)	>1.0
Boiling Point (°F)	No data available.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	No data available.	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	7.0		
Solubility in Water	Insoluble.		
Appearance & Odor	White to cream crystalline solid or powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media Dry chemical (ABC); "alcohol" foam; carbon dioxide (CO₂).

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, emits toxic fumes of oxides of nitrogen (NO_x). Can react vigorously with oxidizing materials.

D.O.T. **NON REGULATED.**

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20