



Fisher Scientific Company

Chemical Manufacturing Division
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MATERIAL SAFETY DATA SHEET (Adapted from USDL Form LSD-005-4)

(201) 796-7100

SECTION I. IDENTIFICATION OF PRODUCT

CHEMICAL NAME

3-Indoleacetic Acid

FORMULA

$C_6H_4NHCHCCH_2COOH$

SYNONYM OR CROSS REFERENCE

SECTION II. HAZARDOUS INGREDIENTS

MATERIAL

NATURE OF HAZARD

SECTION III. PHYSICAL DATA

BOILING POINT

unknown

MELTING POINT

167°C

VAPOR PRESSURE(mm Hg)

NA

SPECIFIC GRAVITY

unknown

AIR DENSITY (AIR = 1)

NA

PERCENT VOLATILE BY VOLUME (%)

NA

WATER SOLUBILITY

insoluble

EVAPORATION RATE

(= 1)

NA

APPEARANCE

White powder

SECTION IV. FIRE AND EXPOSURE HAZARD DATA

FLASH POINT: (method used)

(°F)

NA

FLAMMABLE LIMITS

NA

UEL

LEL

FIRE EXTINGUISHING MEDIA

CO₂, dry chemical

SPECIAL FIRE-FIGHTING PROCEDURES

Wear self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARD

When heated to decomposition, emits toxic fumes of NO_x.

SECTION V. HEALTH HAZARD

THRESHOLD LIMIT VALUE

None listed

HEALTH HAZARDS

Avoid breathing dust.

FIRST AID PROCEDURES

SECTION VI. REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMBATIBILITY (material to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

~~When heated to decomposition, emits toxic fumes of NO.~~ X

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Scoop up and place in a suitable container.

WASTE DISPOSAL METHOD

DISPOSE OF BY MEANS AS TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)

dust mask

VENTILATION	LOCAL	SPECIAL
	MECHANICAL (general)	OTHER

none required

PROTECTIVE GLOVES

none

EYE PROTECTION

safety glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY:

Gaston L. Pillori

TITLE

Manager of Quality Assurance

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April 9, 1981

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