

# MATERIAL SAFETY DATA SHEET

I-Lysine  
AHC Products, Inc.

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PRODUCT NAME: (As used on label and list): I-Lysine Powder

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This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those individuals at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

Date Prepared: 01/01/03

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## SECTION I – PRODUCT IDENTIFICATION

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MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.  
301 West Broadway  
Winchester, Kentucky  
859/737-3441

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## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names): N/A

OTHER LIMITS RECOMMENDED: N/A

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## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: Solid – n/a

VAPOR PRESSURE (MM HG): solid – n/a

VAPOR DENSITY (AIR=1): solid – n/a

SPECIFIC GRAVITY (H<sub>2</sub>O=1): Solid

MELTING POINT: 263-264D C - decomposes

EVAPORATION RATE (BUTYL ACETATE=1): Solid

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: White or pale brownish color, odorless

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED): None

FLAMMABLE LIMITS: See unusual fire and explosion hazards.

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Water, Foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus to avoid breathing products of combustion and protective clothing to avoid contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As with most organic solids, dust from this material may pose an explosion or fire hazard, if suspended in air and there is a source of ignition.

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## SECTION V – REACTIVITY DATA

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STABILITY: stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as caustics.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Under fire conditions, carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride gas may be emitted.

HAZARDOUS POLYMERIZATION: will not occur

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## SECTION VI – HEALTH HAZARD DATA

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ROUTES OF ENTRY:

INHALATION: yes

SKIN: yes

INGESTION: yes

HEALTH HAZARDS (ACUTE AND CHRONIC): Non-toxic substance. Acute effects may be harmful by inhalation, ingestion, or skin absorption. May cause eye or skin irritation.

CARCINOGENICITY: n/a NTP: not determined IARC MONOGRAPHS: not determined

OSHA REGULATED: not determined

SIGNS AND SYMPTOMS OF EXPOSURE: none

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

EMERGENCY AND FIRST AID PROCEDURES: Flush eyes with water 10-15 minutes, insure thorough rinsing. Wash skin thoroughly with soap and water. If eye or skin irritation occurs, consult a physician.

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SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: NIOSH approved dust and acid gas respirator, chemical resistant gloves, rubber boots and eye protection are recommended. Sweep up and place in bag and hold for solid waste. Avoid raising dust. Ventilate area and wash spill area after material pick up is complete.

WASTE DISPOSAL METHOD: Observe all federal, state and local environmental regulations when disposing of this material.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NIOSH approved dust and acid gas respirator, chemical resistant gloves, rubber boots and eye protection are recommended. Keep container in cool dry place and keep container tightly closed. (hygroscopic material)

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SECTION VIII – CONTROL MEASURES

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RESPIRATORY PROTECTION (SPECIFIC TYPE): NIOSH approved dust respirator.

VENTILATION: Local exhaust

PROTECTIVE GLOVES: Chemical resistant rubber gloves.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required.

WORK AND/OR HYGIENIC PRACTICES: NIOSH approved dust and acid gas respirator, chemical resistant gloves, rubber boots and eye protection are recommended. Wash thoroughly after handling.

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