

MATERIAL SAFETY DATA SHEET

Organic Iodide Powder

AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Organic Iodide Powder

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: 01/01/00

SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.

301 West Broadway

Winchester, Kentucky

606/737-3441

Chemical Family: Ethylenediamine salt of hydriodic acid

Formula: HI NH₂CH₂CH₂NH₂-HI

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE (MM HG): N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY (H₂O=1): N/A

MELTING POINT: N/A

EVAPORATION RATE (BUTYL ACETATE=1): N/A

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Pink powder with slight odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Appropriate to surrounding fire conditions.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EDDI is nonflammable and will not explode.

However, fire conditions could release toxic and noxious fumes of iodine.

SECTION V – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Oxidizers, Acids

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, Acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxidation may liberate fumes of iodine.

HAZARDOUS POLYMERIZATION: N/A

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: EDDI can cause tearing of the eyes, irritation of the skin and lung congestion. Some individuals could develop allergic reactions.

EMERGENCY AND FIRST AID PROCEDURES: If ingested, call a physician. If inhaled, move victim to fresh air. Wash from skin and eyes with copious amount of water.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and wash spill area with water.

WASTE DISPOSAL METHOD: Recycle or dispose in a chemical landfill in accordance with all local, state and federal regulations.

HANDLING AND STORAGE: Store in cool, dry place.

SECTION VIII – CONTROL MEASURES

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

VENTILATION: Local exhaust

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety goggles or glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber aprons, sleeves, to avoid dust.

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