

MATERIAL SAFETY DATA SHEET

Thiamine HCL Powder

AHC Products, Inc.

PRODUCT NAME: Thiamine HCL 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

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): D₂₀^o/20^o:1.40

MELTING POINT: °C: about 248°

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

SOLUBILITY IN WATER: Freely soluble

APPEARANCE AND ODOR: Fine white crystals or crystalline powder. Slight characteristic odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: Not known

EXTINGUISHING MEDIA: Carbon dioxide, water spray

SPECIAL FIRE FIGHTING PROCEDURES: Approved respirator should be worn.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V – REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Alkali, oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Not known

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N/A

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: N/A

HEALTH HAZARDS (ACUTE AND CHRONIC): No information

CARCINOGENICITY: N/A

SIGNS AND SYMPTOMS OF EXPOSURE: Not known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not known

EMERGENCY AND FIRST AID PROCEDURES: Irritating to eye: should be washed away with water.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Mechanical removing, wash away with water.

WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in tight, light-resistant containers. Avoid exposure to sunlight and contact with alkali, oxidizing and reductive substances.

OTHER PRECAUTIONS: None

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): Approved respirators should be worn if needed.

VENTILATION: Air conditioning and ventilation.

PROTECTIVE GLOVES: Use of gloves.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Nose/Mouth mask.

WORK AND/OR HYGIENIC PRACTICES: None

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