

MATERIAL SAFETY DATA SHEET

L-CARNITINE
AHC Products, Inc.

PRODUCT NAME: (As used on label and list): L-CARNITINE

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: 05/2009

SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

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

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): Not known

MELTING POINT: Decomposes at 410-413 deg, F

EVAPORATION RATE (BUTYL ACETATE=1): Not Known

SOLUBILITY IN WATER: 66% of mixture

APPEARANCE AND ODOR: White to off-white powder; odor unknown

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Not Known

FLAMMABLE LIMITS:

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Foam, Water, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

SECTION V – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None Known

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may produce toxic organic vapor/fumes and oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will Not

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: Yes

SKIN: Contact

INGESTION: N/A

EYES: Contact

HEALTH HAZARDS (ACUTE AND CHRONIC): N/A

CARCINOGENICITY: N/A

SIGNS AND SYMPTOMS OF EXPOSURE: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY AND FIRST AID PROCEDURES: Eyes: Flush eyes with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops.

Skin: Was affected area with plenty of water and soap, if available, for several minutes. Seek medical attention if irritation develops.

Ingestion: If swallowed, give 3-4 glasses of water but do NOT induce vomiting. If vomiting does occur, give fluids again. Get medical attention to determine whether vomiting or evacuation of the stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

Inhalation: If significant quantities are inhaled, remove from area to fresh air. Seek medical attention if discomfort or other symptoms develop.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Caution! If wet, floors may become slippery. Wear appropriate protective gear and respiratory protection where dusts or airborne particulates of unknown concentrations may be generated (self-contained breathing apparatus is preferred for large spills).

Carefully shovel spills (avoid generating dust) into appropriate containers for disposal. To remove residue, wet with water, absorb with sand or vermiculite and place in compatible container for disposal. Keep out of sewers and open bodies of water.

WASTE DISPOSAL METHOD: Dispose of in compliance with all Federal, state, and local regulations. Incineration is the preferred method.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers tightly closed until used. To maintain product quality, do not store in heat or direct sunlight. Store at or below room temperature and in a dry space.

PRECAUTIONS TO BE TAKEN IN HANDLING: See above directions

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): In processes where dusts or airborne particulates may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

RESPIRATORY EQUIPMENT (SPECIFY TYPE): See above directions

EYE PROTECTION; Wear chemical goggles where this is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

PROTECTIVE GLOVES; Rubber or neoprene, when needed, to prevent skin contact.

ENGINEERING CONTROLS (VENTILATION ETC.) in processes where dust and airborne particulates may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Mechanical (Gen): Eye Wash; safety shower; protective clothing (long sleeves, coveralls or other. As appropriate), when needed to prevent skin contact.

WORK/HYGIENIC/MAINTENANCE PRACTICES

Although the information and recommendations set forth herein (hereinafter “information”) are presented in good faith and believed to be correct as of the date prepared. AHC Products, Inc. makes no

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