

# MATERIAL SAFETY DATA SHEET

dl-Methionine  
AHC Products, Inc.

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PRODUCT NAME: (As used on label and list): dl-Methionine

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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: 01/01/04

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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):

Unknown

OTHER LIMITS RECOMMENDED:

Non known

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## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: N/A

VAPOR PRESSURE (MM HG): no information found

VAPOR DENSITY (AIR=1): no information found

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.340

MELTING POINT: 281C (538F)

EVAPORATION RATE (BUTYL ACETATE=1): no information found

SOLUBILITY IN WATER: ca. 18 gm/l

APPEARANCE AND ODOR: white powder with faint acid odor

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED): no information found

EXTINGUISHING MEDIA: Water spray, dry chemical, alcohol foam or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: In the vent of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: no information found

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## SECTION V – REACTIVITY DATA

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STABILITY: Stable under ordinary conditions of use and storage.

INCOMPATIBILITIES: strong oxidizers.

CONDITIONS TO AVOID: Heat, flame, ignition sources, dusting and incompatibles.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Burning may produce carbon monoxide, carbon dioxide, sulfur oxides and nitrogen oxides.

HAZARDOUS POLYMERIZATION: will not occur

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## SECTION VI – HEALTH HAZARD DATA

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### ROUTES OF ENTRY:

INHALATION: No adverse health effects expected from inhalation.

SKIN: No adverse effects expected.

INGESTION: Large doses may cause gastro-intestinal upset.

EYES: No adverse effects expected.

HEALTH HAZARDS (ACUTE AND CHRONIC): no information found

### EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Not expected to require first aid measures.

INGESTION: If large amounts were swallowed, give water to drink and medical advice.

SKIN: Washed exposed area with soap and water. Get medical advice if irritation develops.

EYE: Wash thoroughly with running water. Get medical advice if irritation develops.

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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: Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

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## SECTION VIII – CONTROL MEASURES

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RESPIRATORY PROTECTION (SPECIFIC TYPE): none established

VENTILATION: Not expected to require any special ventilation.

PROTECTIVE GLOVES: Wear protective cloths and clean body-covering clothing.

EYE PROTECTION: safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not expected to require any.

WORK AND/OR HYGIENIC PRACTICES: Practice standard good hygiene.

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