

MATERIAL SAFETY DATA SHEET

Vitamin C Pure USP Powder

AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Vitamin C Pure USP 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: 11/16/1999

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):

Ascorbic Acid USP CAS#: 50-81-7, 100% (by weight)

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): 1.650 @ 77.00F

APPEARANCE AND ODOR: Solid white powder, odorless

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

EXTINGUISHING MEDIA: Water fog, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Organic dusts can form explosive mixtures in air.

SECTION V – REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with: strong oxidizing agents, can react with chemically reactive metals, such as aluminum, zinc, magnesium, copper, etc., to release hydrogen gas which can form explosive mixtures with air.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May form: carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Product will not undergo hazardous polymerization.

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

EYES: Dust can cause eye irritation. Symptoms include stinging, tearing, redness and swelling of eyes.

INHALATION: This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

SKIN: May cause skin irritation. Symptoms may include redness, burning, swelling of skin. This material is unlikely to pass into the body through the skin.

INGESTION: Swallowing this material is not likely to be harmful.

SIGNS AND SYMPTOMS OF EXPOSURE: Signs and symptoms of exposure to this material through breathing, swallowing and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways). Ingestion of large doses of Vitamin C can cause formation of stones in the kidney and bladder.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

INGESTION: First aid is not normally required. If symptoms develop, seek medical attention.

INHALATION: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spill: Sweep up material for disposal or recovery. Large spill: shovel into containers. Thoroughly sweep area of spill to clean up any residual material.

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): 3M Dust respirator No. 8710 or 9900 is recommended or a NIOSH/MSHA jointly approved dust respirator.

PROTECTIVE GLOVES: Wear resistant gloves, such as; neoprene.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear normal work clothing covering arms and legs.

WORK AND/OR HYGIENIC PRACTICES: In accordance with good health procedures.

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