

MATERIAL SAFETY DATA SHEET

Vitamin E-20,000 Powder

AHC Products, Inc.

PRODUCT NAME: Vitamin E-20,000 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):

Non-Hazardous

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (°F): 435 @ 0.3 mmHg

VAPOR PRESSURE (MM HG): not available

VAPOR DENSITY (AIR=1): not available

SPECIFIC GRAVITY (H₂O=1): 0.952-0.966

MELTING POINT (°F): -17.5

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

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Pale yellow granule/practically odorless

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F/METHOD USED): Greater than 200

FLAMMABLE LIMITS:

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Water fog, dry chemical, foam and CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat and open flame. Avoid continuous or prolonged exposure to light and atmosphere.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, Strong bases, Atmospheric oxygen, ferric salts silver salts.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: On combustion, oxides of carbon are emitted.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: No information found

SKIN: Vitamin E acetate is non-irritating

EYES: Vitamin E acetate may be slightly irritating.

INGESTION: Acute ingestion of large amounts of Vitamin E rarely result in serious toxicity.

EFFECTS OF REPEATED OVEREXPOSURE: Chronic exposure to extraordinarily large doses of Vitamin E (exceeding 600 IU/d) may result in headaches, dizziness, fatigue, GI disturbances, inflammation of the mouth, swollen lips and muscle weakness. Also, such exposures could lead to depletion of Vitamin A stores and antagonize Vitamin E function (decreased prothrombin production).

CARCINOGENICITY: This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as a probable human carcinogen.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove from area of exposure. Get medical attention as needed.

SKIN: In case of contact, immediately wash with soap and plenty of water for at least 5 minutes. Remove contaminated clothing and shoes. Thoroughly clean contaminated clothing and shoes before reuse. Get medical attention if irritation develops or persists.

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes using an eyewash fountain. Lift upper and lower lids and rinse well under them. Get medical attention if irritation develops or persists.

INGESTION: If swallowed and victim is fully conscious, induce vomiting immediately by giving two glasses of water and sticking finger down throat. GET IMMEDIATE MEDICAL ATTENTION.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective gear. Sweep up into appropriate container. Avoid creating dusting conditions. Ventilate areas. Wash spill area after material pickup is complete.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry place in tightly closed containers. Avoid breathing dusts or mists. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not rub eyes with soiled hands. Do not eat, drink or smoke in the work area. Shelf Life: at least 12 months when stored in the original unopened container below 77°F.

OTHER PRECAUTIONS: None found.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): None normally required.

VENTILATION: Provide adequate ventilation. Use local exhaust if needed.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Maintain a sink, safety shower and eyewash fountain in the work area.

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 representations as to the completeness or accuracy thereof. Information is proved upon the condition

that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will AHC Products, Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon said information presented herein. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. **DISCLAIMER OR EXPRESSED AND IMPLIED WARRANTIES:** although reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.
