

MATERIAL SAFETY DATA SHEET
Vitamin E & Selenium Dispersible Liquid Concentrate
AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Vitamin E & Selenium DLC

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: 7-1-06

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):

Chemical: Tocopheryl Acetate, Sodium Selenite Hazardous: N/A

OTHER LIMITS RECOMMENDED: N/A

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 200-220C (392-428F)

VAPOR PRESSURE (MM HG): N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY (H₂O=1): 0.955 at 25C (77F)

MELTING POINT: N/A

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

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Milky brown to brown oily liquid with almost no odor

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): .110C (230F)

FLAMMABLE LIMITS: No data

EXTINGUISHING MEDIA: Dry chemical, foam, water, CO₂

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product will burn under fire conditions.

SECTION V – REACTIVITY DATA

STABILITY: This material is stable under normal handling and storage conditions.

CONDITIONS TO AVOID: Extreme heat, open flame.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon. If heated to decomposition, toxic fumes of selenium oxide will be produced.

HAZARDOUS POLYMERIZATION: N/A

SECTION VI – HEALTH HAZARD DATA

This product is a feed additive and diet supplement. Over-dosage can cause serious health effects.

ROUTES OF ENTRY:

INHALATION: Vapor can cause respiratory tract irritation.

EYE: Irritant. Contact with liquid or vapor can cause irritation and redness.

SKIN: Skin absorption not likely. Liquid or vapor can cause irritation or redness on prolonged contact.

INGESTION: Low acute oral toxicity. Ingestion of large quantities may cause nausea, vomiting, abdominal cramps and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC): None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Adverse effects may arise if taking anticoagulants, colestipol, cholestyramine, mineral oil, oral contraceptives, Vitamin A therapy, Vitamin E therapy.

EMERGENCY AND FIRST AID PROCEDURES:

Seek medical assistance for further treatment, observation and support if necessary.

EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or visual changes occur.

SKIN: Wash with plenty of soap and water. Seek medical attention if irritation develops or persists.

INHALATION: If respiratory irritation or distress occurs, remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

INGESTION: Induce vomiting. If victim is conscious and alert, give 102 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

NOTE TO PHYSICIAN. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that over-exposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with an inert absorbent. Sweep up and place in an appropriate closed container. Clean up residual material by washing areas with water. Collect washings for disposal.

WASTE DISPOSAL METHOD: Consult state and local regulations regarding the proper disposal of this material. Rinse containers before disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Maximum storage temperatures: 60C (140F). Avoid breathing vapor. Avoid direct or prolonged contact with skin and eyes. Store in tightly-closed, original container. Store in an area that is cool, dry, dark and well-ventilated.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with regulatory standards and/or industrial recommendations. For reasonably foreseeable industrial end-uses of the material, respiratory protection should not be necessary.

VENTILATION: General area dilution/exhaust.

PROTECTIVE GLOVES/SKIN: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing.

EYE PROTECTION: A minimum of safety glasses with side shields is recommended.

WORK AND/OR HYGIENIC PRACTICES: The following general measures should be taken when working or handling this material. 1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. 2. Wash hands and face carefully before

eating, drinking, using tobacco, applying cosmetics, or using the toilet. 3. Wash exposed skin promptly to remove accidental splashes of contact with this material.

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 provided 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.
