

# MATERIAL SAFETY DATA SHEET

Hesperidin Pure Powder

AHC Products, Inc.

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PRODUCT NAME: (As used on label and list): Hesperidin Pure Powder

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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: 11/16/1999

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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):

Ingredients	CAS #	% (by weight)
Hesperidin		98.0-100.0

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## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: No data

VAPOR PRESSURE (MM HG): No data

VAPOR DENSITY (AIR=1): No data

SPECIFIC GRAVITY (H<sub>2</sub>O=1): No data

EVAPORATION RATE (BUTYL ACETATE=1): No data

APPEARANCE AND ODOR: Pale yellow powder, with neutral odor.

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: No data.

EXTINGUISHING MEDIA: Regular foam, water fog, carbon dioxide, sand.

SPECIAL FIRE FIGHTING PROCEDURES: Wear a 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 of air.

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## SECTION V – REACTIVITY DATA

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STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): No data

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

HAZARDOUS POLYMERIZATION: Product will not undergo hazardous polymerization.

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## SECTION VI – HEALTH HAZARD DATA

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ROUTES OF ENTRY: Inhalation, skin contact, eye contact.

EYE: 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 is not likely to be harmful.

**SKIN:** Unlikely to cause skin irritation or injury.

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

**HEALTH HAZARDS (ACUTE AND CHRONIC):** This material can form dust, which may cause skin or mucous membrane irritation. Symptoms may include redness, burning, and swelling. Although they may cause respiratory tract irritation, nuisance dusts do not form scar tissue or affect the structure of air spaces in the lungs. Their effects on the tissues are potentially reversible.

**SIGNS AND SYMPTOMS OF EXPOSURE:** No data.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

**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:** First aid is not normally required. However, it is recommended that, exposed areas be cleaned by washing with soap and water.

**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.

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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:** Small spill: sweep up material for disposal or recovery. Large spill: Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

**WASTE DISPOSAL METHOD:** Dispose of with other normal, solid waste.

**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. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water. Store in a cool, dry place at 75° F or lower.

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## **SECTION VIII – CONTROL MEASURES**

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

**VENTILATION:** Provide sufficient mechanical ventilation to maintain exposure below level of overexposure.

**PROTECTIVE GLOVES:** Wear resistant gloves, such as; latex.

**EYE PROTECTION:** Wear safety glasses in compliance with OSHA regulations.

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