PRODUCT NAME: (As used on label and list): Glucosamine Pure Powder Feed Supplement

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

CHEMICAL FAMILY: Mixture
FORMULA: N/A
HAZARD CLASSIFICATION: Non-hazardous
HMIS RATING SYSTEM: Health=1, Flammability=0, Reactivity=0

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):
Glucosamine HCL: PEL/TLV: NE Percent: 19.0

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret. NE= not established.

OTHER LIMITS RECOMMENDED: N/A

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
VAPOR PRESSURE (MM HG): N/A
VAPOR DENSITY (AIR=1): N/A
SPECIFIC GRAVITY (H20=1): N/A
MELTING POINT: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: light beige powder with characteristic odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A
FLAMMABLE LIMITS: Not determined
EXTINGUISHING MEDIA: Water, carbon dioxide or foam, Class A, BC or ABC fire extinguisher.
SPECIAL FIRE FIGHTING PROCEDURES: Must wear MSHA/NIOSH approved self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: none

SECTION V – REACTIVITY DATA

STABILITY: stable
CONDITIONS TO AVOID: none known
INCOMPATIBILITY (MATERIALS TO AVOID): strong reducing and oxidizing agents.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: none known
HAZARDOUS POLYMERIZATION: will not occur

SECTION VI – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
   EYES: May cause minor irritation.
   SKIN: None expected during normal use.
   INHALATION: No significant signs or symptoms indicative of any adverse health hazard.
   INGESTION: No significant signs or symptoms indicative of any adverse health hazard.

EMERGENCY FIRST AID PROCEDURES:
   EYE CONTACT: Flush eyes with large amounts of water, get medical attention if irritation persists.
   SKIN CONTACT: Wash with soap and water.
   INHALATION: If exposed to excessive levels remove to fresh air and get medical attention.
   INGESTION: If swallowed do not induce vomiting. Give person a glass of water, get medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Rinse area with water.
In normal use this product is suitable for entry into an ordinary sanitary sewer system.
WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.
Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.
SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep closures tight.
Avoid exposure to excessive heat and prevent from freezing.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (specific type): Not normally needed if local exhaust satisfactory.
VENTILATION: Provide sufficient ventilation.
PROTECTIVE GLOVES: Disposable gloves as a minimum.
EYE PROTECTION: Safety glasses, as a minimum.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: not normally needed.

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.