

MATERIAL SAFETY DATA SHEET

Diatomaceous Earth

AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Diatomaceous Earth

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: 06/01/2011

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):

Diatomaceous Earth, Calcined 100% C.A.S. # 91053-39-3

Crystalline Silica (Cristobalite) <1% C.A.S. #14464-46-1

Crystalline Silica (Quartz) <1% C.A.S. #14808-60-7

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): 2.2

MELTING POINT: not determined

EVAPORATION RATE (BUTYL ACETATE=1): n/a

SOLUBILITY IN WATER: <2%

APPEARANCE AND ODOR: Solid state, odorless, granular product, buff to off-white

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): n/a

FLAMMABLE LIMITS: n/a

EXTINGUISHING MEDIA: n/a

SPECIAL FIRE FIGHTING PROCEDURES: n/a

SECTION V – REACTIVITY DATA

STABILITY: Yes

INCOMPATIBILITY (MATERIALS TO AVOID): Hydrofluoric Acid. Products containing Silica may react violently with Hydrofluoric Acid

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: n/a

HAZARDOUS POLYMERIZATION: unknown

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: Upper respiratory irritant – may cause coughing or throat irritation.

SKIN: Not absorbed by skin. May cause dryness.

INGESTION: Short-term exposure not considered harmful.

EYES: May cause irritation or inflammation

HEALTH HAZARDS (ACUTE AND CHRONIC): Inhalation (chronic)

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

SKIN: Use moisture renewing lotions if dryness occurs.

INGESTION: Drink generous amounts of water to reduce bulk and drying effects.

EYES: Wash with generous quantities of water.

Always consult a physician if any irritations/symptoms persist.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Vacuum clean spillage, wet sweep and wash away. Avoid creating dust.

WASTE DISPOSAL METHOD: Non-biodegradable. Use solid waste disposal and dispose of in accordance with all Federal, State and Local agencies.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid creating dust. Repair or properly dispose of broken containers. Store in a dry place to maintain product quality.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): Respirators fitted with filters certified to standard 42CFR84 under series N95 should be worn when dust is present. If the dust concentration is less than ten (10) times the Permissible Exposure Limit (PEL) use a quarter or half-mask respirator with a N95 dust filter or a single use dust mask rated N95. If dust concentration is greater than ten (10) times and less than fifty (50) times the PEL, a full-face piece respirator fitted with replaceable N95 filters is recommended. If dust concentration is greater than fifty (50) and less than two hundred (200) times the PEL use a power air-purifying (positive pressure) respirator with a replaceable N95 filter. If dust concentration is greater than two hundred (200) times the PEL use a type C, supplied air respirator (continuous flow, positive pressure), with full face piece, hood or helmet.

EYE PROTECTION: Goggles to protect from dust.

PROTECTIVE GLOVES: Not normally necessary.

ENGINEERING CONTROLS (VENTILATION ETC.) Local – control within recommended TLV/PEL. Refer to ACGIH publication “industrial ventilation” or similar for design of ventilation systems.

WORK/HYGIENIC/MAINTENANCE PRACTICES: Standard good hygiene.

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