

MATERIAL SAFETY DATA SHEET

EquiTum
AHC Products, Inc.

PRODUCT NAME: (As used on label and list): EquiTum

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: 01/01/05

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):

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE (MM HG): No information found.

VAPOR DENSITY (AIR=1): No information found.

SPECIFIC GRAVITY (H2O=1): No information found.

MELTING POINT: 825C (1517F)

EVAPORATION RATE (BUTYL ACETATE=1): No information found.

SOLUBILITY IN WATER: .001gm in 100ml water, soluble in dilute acids.

APPEARANCE AND ODOR: fine to granular off-white

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 0

FLAMMABLE LIMITS: 0

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION V – REACTIVITY DATA

STABILITY: Stable under ordinary conditions of use and storage.

INCOMPATIBILITY (MATERIALS TO AVOID): Acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: When heated to decomposition (825C), emits calcium oxide fumes and liberates carbon dioxide.

HAZARDOUS POLYMERIZATION: will not occur.

CONDITIONS TO AVOID: Heat, incompatibles.

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

Inhalation:

Excessive concentrations of a nuisance dust may cause nuisance condition such as coughing, sneezing, and nasal irritation.

Ingestion:

Non-toxic.

Skin Contact:

Not expected to be a health hazard from skin exposure.

Eye Contact:

No information found, but presumed to cause mechanical irritation.

Chronic Exposure:

Excessive oral doses of calcium carbonate may produce alkalosis and hypocalcaemia.

Aggravation of Pre-existing Conditions:

No information found.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact:

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact:

Wash thoroughly with running water. Get medical advice if irritation develops.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

WASTE DISPOSAL METHOD: In accordance with all federal, state and local authorities.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE):

- OSHA Permissible Exposure Limit (PEL):

15 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts.

- ACGIH Threshold Limit Value (TLV)

for Particulates (insoluble or poorly soluble) Not Otherwise Specified (PNOS):

3 mg/m³ respirable particles and 10 mg/m³ inhalable particles.

VENTILATION: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

PERSONAL RESPIRATORS (NIOSH APPROVED):

If the exposure limit is exceeded and engineering controls are not feasible, a half face piece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest.. A full-face piece particulate respirator (NIOSH type N100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerin, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

SKIN PROTECTION:

Gloves and lab coat, apron or coveralls.

EYE PROTECTION:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

WORK AND/OR HYGIENIC PRACTICES: Practice standard good hygiene.

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