

MATERIAL SAFETY DATA SHEET
Calcium Gluconate Powder, Milk-MAX Powder
AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Calcium Gluconate Powder, Milk-MAX Powder

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: 01/01/00

SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.
301 West Broadway
Winchester, Kentucky
606/737-3441

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):

Calcium Gluconate (anhydrous) 100.0% CAS# 299-28-5

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/D

VAPOR PRESSURE (MM HG): N/D

VAPOR DENSITY (AIR=1): N/D

SPECIFIC GRAVITY (H₂O=1): N/D

MELTING POINT: N/D

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

SOLUBILITY IN WATER: g/l (20 C. water)

APPEARANCE AND ODOR: White powder with no odor

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/D

EXTINGUISHING MEDIA: This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Potential for dust explosion may exist. This product is not defined as flammable or combustible. However, the product may decompose under fire conditions to produce toxic oxides of carbon.

SECTION V – REACTIVITY DATA

STABILITY: This product is stable at ambient temperatures and atmospheric pressures. It is not self-reactive and is not sensitive to physical impact.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition products are carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Not expected to occur.

CONDITIONS TO AVOID: Contact with strong oxidizers and prolonged storage at elevated temperatures should be avoided.

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

EYES: Eye contact with dusts may cause mild physical irritation.

INHALATION: Inhalation of dust may cause mild irritation.

SKIN: Skin contact is not expected to cause irritation.

INGESTION: This product has GRAS (generally recognized as safe) status under FDA. It has a low order of toxicity.

CARCINOGENICITY:

NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

SIGNS AND SYMPTOMS OF EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with large quantities of water for a minimum of 15 minutes. Do not let victim rub eyes. Do not attempt to neutralize with chemical agents. Get medical attention if eye irritation occurs.

INHALATION: Remove to fresh air. If breathing becomes difficult, oxygen may be given. If symptoms persist, seek medical attention.

SKIN: Remove contaminated clothing and equipment. Wash all affected areas with plenty of soap and water. Wash all clothing and equipment prior to reuse. Obtain medical advice if irritation occurs.

INGESTION: Give several glasses of water. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give fluids again and seek medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up material, being careful not to create dust. Return to stock, if contaminated, place into a chemical waste container for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): If handling operations lead to dusting, wear a NIOSH-approved half-mask, air purifying respirator with dust, mist and fume filters.

VENTILATION: Special ventilation is usually not required under normal use conditions. General plant ventilation should be adequate in most cases.

PROTECTIVE GLOVES: Suitable protective clothing and gloves.

EYE PROTECTION: Indirect vented, dust-tight goggles are recommended if dust is generated when handling this product.

WORK AND/OR HYGIENIC PRACTICES: In accordance with good industrial hygiene practices.

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