



Material Safety Data Sheet May be used to comply with OSHA's Hazard Communications Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements

U.S. Department of Labor Occupational Safety and Health Attm HMatre attory Form) OMB No. 1218-0072

IDENTITY: Dicalcium Phosphate

Date: July 8, 2003

Section I

Gelita USA, Inc. 2445 Port Neal Road Sergeant Bluff, IA 51054 (712) 943-5516

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits

% (Optional)

Dicalcium Phosphate

NE

NE

Section III - Physical/Chemical Characteristics

BOILING POINT: NA SPECIFIC GRAVITY: 2.31

ph; NA **DENSITY: NA**

VAPOR PRESSURE: NA

MELTING POINT: NA

VAPOR DENSITY: NA

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: NA

APPEARANCE AND ODOR: Odorless, white crystalline material

Section IV - Fire and Explosion Hazard Data

FLASHPOINT: Not flammable

FLAMMABLE LIMITS: NA

LEL: NA

UEL: NA

EXTINGUISHING MEDIA: Use water or other agent suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained

breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

Section V - Reactivity Data

STABILITY: Stable under normal storage conditions

INCOMPATIBILITY: None Determined

HAZARDOUS DECOMPOSITION PRODUCTS: None Determined

HAZARDOUS POLYMERIZATION: Will not occur. CONDITIONS TO AVOID: None Determined

Section VI - Health Hazard Data

OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH TLV: None Established. We suggest the OSHA nuisance dust limit of 15 mg/m3 or the ACGIH TLV of 10 mg/m3 of air for an eight-hour time-weighted-average. Dicalcium Phosphate is not considered to be a cancer-causing material by OSHA, NIOSH, or IARC.

ROUTES OF ENTRY: Lungs (breathing), Skin. Ingestion (swallowing) of large amounts is unlikely.

EFFECTS OF EXPOSURE; Short Term - None known. Long Term - None Known.

SIGNS AND SYMPTOMS OF EXPOSURE: None

MEDICAL CONDITIONS AGRIVATED BY EXPOSURE; None Established

EMERGENCY AND FIRST AID PROCEDURES: Treat symptoms immediately, consult a physician.

Section VII - Precautions for Safe Handling/Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material should be swept up for reclamation or later disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with local, State, and Federal Regulations.

HANDLING AND STORAGE: Store in a closed container in a dry area.

OTHER PRECAUTIONS: None

Section VIII - Control Measures

RESPIRATORY PROTECTION: If dust concentrations exceed recommended exposure limit, use NIOSH-approved dust respirators, until feasible engineering controls are completed.

VENTILATION: Local exhaust or other ventilation that will reduce dust concentrations to less than recommended Permissible Exposure Limits.

EYE PROTECTION: If high dust concentrations exist, tight-fitting goggles are recommended to reduce dust exposure to the eyes.

SKIN PROTECTION: No protection normally required. If irritation occurs, long sleeves and impervious gloves should be worn.

WORK/HYGENIC PRACTICES: Wash with soap and water.

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

KEEP OUT OF REACH OF CHILDEREN