MATERIAL SAFETY DATA SHEET

PRODUCT APATITE II

COMPOSITION Apatite II \([\text{Ca}_{10-x}\text{Na}_x\text{(PO}_4)_6\text{(CO}_3)_x\text{(OH)}_2]\) where \(x < 1\), produced from fish bones (U.S. Patent #6,217,775)

APPEARANCE & FORM Granular, various sizes from powder to gravel

PACKAGING Bulk

TOXICITY
- Ingestion: Nil
- Eye and skin contact: Nil
- Inhalation: Classified as nuisance dust only

CORROSION PROPERTIES Non-corrosive

FIRE RISK Low. Combustible when subjected to extreme heat

EXPLOSION RISK None

HANDLING PROCEDURES
- When being handled the dust can be a nuisance. This can be improved by extraction or ventilation. No smoking.

PROTECTIVE CLOTHING
- Overalls, dust mask, and eye protection if necessary

STORAGE CONDITIONS
- Should be stored at ambient temperature in dry metal or concrete bins.

FIRST AID REQUIREMENTS

EYE CONTACT: Flush eyes with water. Irritating but does not injure eye tissue.

INHALATION: No hazard under normal conditions. Move victim to fresh air area. Call doctor if breathing is irregular. Low order of toxicity.

SKIN CONTACT: Skin may become dry from the dust. Wash thoroughly after contact, with soap if available. Low order of toxicity.

INGESTION: No hazard. If ingested, give large amounts of water. Minimal toxicity.

DISPOSAL OF SPILLAGE AND WASTE
- Shut off source without hazard if possible. Sweep up spilled material and place in container to be recycled.

SUPPLEMENTAL INFORMATION

These materials are made from naturally occurring, benign fish bone products and may contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds. Avoid inhaling excessive amounts of dust. Avoid eye contact. Observe the proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark, etc. Wash hands with soap and water after handling.

The information contained in this MSDS is provided without warranty of any kind, expressed or implied. The information contained here is made available solely for the consideration, investigation and verification by the original recipient. Users should consider this information only as a supplement to other information gathered by or available to them. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers and environment. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information, to design and update their own programs, and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental protection.

www.pimsnw.com
7401 West Grandridge Blvd., Suite 201, Kennewick, WA 99336, 509.420.4015
Rev. 1, 10.2009