

MATERIAL SAFETY DATA SHEET

PRODUCT APATITE II

COMPOSITION	Apatite II [$\text{Ca}_{10-x}\text{Na}_x(\text{PO}_4)_{6-x}(\text{CO}_3)_x(\text{OH})_2$ 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.
<u>FIRST AID REQUIREMENTS</u>	
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.

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