

## Material Safety Data Sheet

Kind & Knox Gelatin  
 Manufacturer  
 Port Neal Industrial Complex  
 Address  
 Sioux City, Iowa 51102  
 712-943-5516  
 Phone Number (For Information)  
 712-943-5516  
 Emergency Phone Number Telex\*

## Bone Ash

Identity (Trade Name As Used On Label)  
 Dicalcium Phosphate, Dibasic  
 MSDS Number\*  
 7757-93-9  
 CAS Number\*  
 September 7, 1990  
 Date Prepared  
 Prepared By\* *Felix Piro*

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Non-Hazardous Ingredients	100%	
TOTAL	100%	

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O = 1)	2.31
Vapor Pressure (mm Hg and Temperature)	NA	Melting Point	NA
Vapor Density (Air = 1)	NA	Evaporation Rate (_____ = 1)	NA
Solubility in Water	Insoluble	Water Reactive	NA

Appearance and Odor **Odorless white crystalline material**

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	NA	Auto-ignition Temperature	NA	Flammability Limits in Air % by Volume	NA	LEL	NA	UEL	NA
Extinguisher Media	NA								
Special Fire Fighting Procedures	Non-flammable								

Unusual Fire and Explosion Hazards **None**

## SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid <b>Stable under normal storage and use conditions</b>
Incompatibility (Materials to Avoid)	<b>Unknown</b>
Hazardous Decomposition Products	<b>None</b>
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid

## SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion	CARCINOGEN LISTED IN	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA
	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Not Hazardous		<input type="checkbox"/> IARC Monograph	<input checked="" type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute Unknown - not established				
	Chronic Unknown - not established				
Signs and Symptoms of Exposure	Unknown				
Medical Conditions Generally Aggravated by Exposure	Unknown				
EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.					
Eye Contact	Flush eyes with copious amounts of water.				
Skin Contact	Wash thoroughly with soap and water after each contact.				
Inhalation	Remove from exposure area to fresh air.				
Ingestion	Drink 1-2 glasses of water. Seek medical attention.				

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	Wear a NIOSH-Approved Respirator for Dusts				
Protective Gloves	Not required but recommended		Eye Protection	Splash-proof or dust-resistant safety goggles	
VENTILATION TO BE USED	<input type="checkbox"/> Local Exhaust	NA	<input checked="" type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special	NA
	<input checked="" type="checkbox"/> Other (specify) Supplementary ventilation may be needed in special circumstances.				
Other Protective Clothing and Equipment	Laboratory coat or long sleeve work shirt and pants.				
Hygienic Work Practices	Wash with soap & water				

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released	Material should be swept up for reclamation or later disposal.
Waste Disposal Methods	Dispose in accordance with local, State, and Federal Regulations
Precautions to be Taken in Handling and Storage	Store in closed container in a dry area
Other Precautions and/or Special Hazards	None

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