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Aggravation of Pre-existing Conditions:
No information found.

Section 4 First Aid Measures

Eyes:
Immediately flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface.

Skin:
Immediately wash contaminated areas with water. Remove contaminated clothing and footwear. Wash clothing and decontaminate footwear before reuse.

Inhalation:
Remove person from contaminated area to fresh air.

Ingestion:
Never give anything by mouth to an unconscious or convulsing person. If person is conscious, give large quantities of water or milk. Seek medical attention immediately.

Section 5 Fire Fighting Measures

NFPA* Hazard Ratings:

Health:	1	=	Materials which under fire conditions would give off irritating combustion products (less than 1 hour exposure). Materials which on the skin could cause irritation.
Flammability:	0	=	Materials that will not burn.
Reactivity:	0	=	Materials which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.

Special Hazard: None

***National Fire Protection Association 704**

First Responders:
Wear protective gloves, boots, goggles, and respirator. In case of fire, wear positive pressure breathing apparatus. Approach incident with caution.

Flash Point None

Flammable or Explosive Limits Lower: Nonflammable Upper: Nonflammable

Extinguishing Media Use large quantities of water. Dike to contain.

Section 6 Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled:
Avoid runoff into storm sewers and ditches that lead to waterways. Clean up spills immediately. Pick up spill and place in a suitable container for reuse or disposal. If appropriate, moisten first to prevent dusting. Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to phosphates. Flush area with large amounts of water

Personnel Precautions:
Personnel should wear protective clothing suitable for the task.

Section 7 Handling and Storage

Work/Hygiene Practices:
Wash hands thoroughly with soap and water after handling phosphate material, and before eating or smoking. Wear proper protective equipment. Remove clothing, if it becomes contaminated.

Ventilation Requirements:

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Provide sufficient mechanical and/or local exhaust.

Conditions For Safe Storage:

Protect containers from physical damage. Store in a cool, dry area in closed containers.

Section 8 Exposure Controls and Personal Protection

Respiratory Protection:

In cases where overexposure to dust may occur, use any air purifying, and full face piece respirator with an N-95 or better filter. Engineering or administrative controls should be implemented to control dust.

Eye:

Goggles, or safety glasses with side shields should be worn. Provide eyewash in work area.

Gloves:

Rubber or plastic gloves should be worn.

Other Protective Equipment:

Normal work clothing covering arms and legs, and rubber, or plastic apron should be worn. Caution: If clothing becomes contaminated, wash off immediately.

Section 9 Physical and Chemical Properties

Appearance And Odor:	White powder
Boiling Point, 760 mm Hg:	N/A
Freezing Point:	N/A
Vapor Pressure (mm Hg):	N/A
Solubility In Water % By Solution:	30%
Percentage Volatile By Volume:	0% (as water)
Evaporation Rate:	N/A
Bulk Density:	83 lbs/ft ³
pH of 1% solution (w/w)	NA

Section 10 Stability and Reactivity

Stability:	Under normal conditions, the material is stable.
Conditions To Avoid:	Do not expose to extreme temperatures.
Incompatible Materials	Soluble calcium salt solutions and hydrofluoric or hydrofluosilicic acid could cause precipitations.
Hazardous Decomposition:	When involved in a fire, the material may form toxic fumes of phosphorous, sodium and carbon oxides.
Condition Contributing To Hazardous Polymerization:	Material is not known to polymerize.

Section 11 Toxicological Information

Acute Toxicity:	Irritating to body tissue with which it comes into contact. CAS # 497-19-8: LD50, oral, rat = 4090 mg/Kg, LC50, inhalation, rat = 2300 mg/m ³ , and eye-rabbit = 100 mg/24 hours (moderate edema).
Chronic Toxicity:	No known cases of chronic poisoning due to phosphate have been reported. May sequester calcium and cause calcium phosphate deposits in the kidneys.
Carcinogenicity:	None of the components have been classified as a carcinogen by OSHA, NTP, and IARC.
Medical Conditions Generally Aggravated by Exposure:	Exposure may cause further irritation of tissue, open wounds, burns or mucous membranes.

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Section 12 Ecological Information

None

Section 13 Disposal Considerations

Waste Disposal:
Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to phosphates. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

Section 14 Transport Information

Not regulated by US DOT, Canada TDG, UN, IMDG, IATA regulations

Section 15 Regulatory Information

US Federal Regulations
TSCA:
All components in this product are listed on the TSCA inventory.
Health & Safety Reporting List:
None of the chemicals in this product are on the Health & Safety Reporting List.
Chemical Test Rules:
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b:
None of the chemicals in this product are listed under TSCA Section 12b.
TSCA Significant New Use Rule:
None of the chemicals in this product have a SNUR under TSCA.
CERCLA Hazardous Substances and corresponding RQs:
None of the chemicals in this product have an RQ.
SARA Section 302 Extremely Hazardous Substances:
None of the chemicals in this product have a TPQ.
SARA Codes:
CAS # 497-19-8: acute
Section 313:
None of chemicals in this product are reportable under Section 313.
Clean Air Act:
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 or Class 2 Ozone depleters.
Clean Water Act:
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.
OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.
State:
None of the chemicals in this product are present on the state lists from CA, PA, WI, MA, or NJ.
California Prop 65:
California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations
European Labeling in Accordance with EC Directives:


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UN Number : None

<u>Chemical Ingredients Name</u>	<u>CAS NO.</u>	<u>EINECS</u>
Carbonic acid disodium salt	CAS# 497-19-8	207-838-8

Hazard Symbols:
Hazard Symbols:

	Xi: Irritant
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Risk Phrases:
36 Irritating to eyes

Safety Phrases:
2 Keep out of the reach of children
22 Do not breathe dust
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

WGK (Water Danger/Protection): CAS# 497-19-8: 1

Canada - DSL/NDSL:
All components in this product are listed on Canada's DSL List.

Canada – WHMIS:
CAS# 497-19-8 in this product could be classified as hazardous in accordance with the hazard criteria of the Controlled Products Regulations.

Canadian Ingredient Disclosure List:
CAS# 497-19-8 in this product is listed on the Canadian Ingredient Disclosure List.

Section 16 Other Information

NIOSH	National Institute for Occupational Safety and Health	CAS	Chemical Abstract Service
MSHA	Mine Safety and Health Administration		
OSHA	Occupational Safety and Health Administration	PEL	Permissible Exposure Limit
TLV-TWA	Threshold Limit Value-Time Weighted Average	STEL	Short Term Exposure Limit
IARC	International Agency for Research on Cancer	NTP	National Toxicology Program
DSL/NDSL	The Domestic Substances and the Non-Domestic Substances List (Canada)		
EINECS	Inventory of Existing Chemical Substances (European) (EC. No.)		

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Chithambarathanu Pillai


March 2009

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Product #: 326462 Name: CARUS 2250 Desc:

From: BRENNTAG MID-SOUTH INC. To: Wednesday, September 14, 2011

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