



Section 1 - Identification

Product Name: CPL 3021
Alternate Name: Glassy Phosphate Crystals
Recommended Use: Cooling tower water treatment
Manufacturer: Chem Pro Laboratory, Inc., 941 W 190th St, Gardena CA 90248, 310-532-8611
ChemTrec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 - Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

WARNING

Causes eye irritation

Wash contacted areas thoroughly after handling.

IF EYE IRRITATION PERSISTS: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 3 - Composition/information on ingredients

Chemical Name	CAS Number	Percent
sodium hexametaphosphate (SHMP)	10124-56-8	90-100%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation Remove subject to fresh air.

Eye Contact In case of eye contact flush with plenty of water for at least 15 minutes. If irritation develops, call a physician.

Skin Contact In case of skin contact flush with plenty of water for at least 15 minutes. If irritation develops, call a physician.

Ingestion Drink large amounts of water. Seek medical attention.

Symptoms of Overexposure:

Inhalation May cause irritation to mucous membranes.

Contact with Skin or Eyes Results from acute toxicity testing show that the material would not be considered toxic as defined by the CPSC protocol. However, product has sharp edges which can cause skin abrasions.

Absorption Through Skin May cause skin irritation.

Ingestion May cause irritation to the mucous membranes.



Section 5 - Fire-fighting measures

Extinguishing Media	water spray
Fire Fighting Procedure	None.
Unusual Fire/Explosion Hazard	None.
Hazardous Combustion Products	Oxides of phosphorus

Section 6 - Accidental release measures

Spill Response Procedure	Sweep up spilled material and dispose of with other solid wastes. Product is slippery when wet.
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Section 7 - Handling and storage

Handling Precautions	No special handling procedures are required.
Storage Conditions	Store in a cool dry place. Keep container tightly sealed in a dry and ventilated area. Do not store unopened containers in direct sunlight for extended periods.

Section 8 - Exposure controls/personal protection

Chemical Name	OSHA PEL	ACGIH TLV
sodium hexametaphosphate (SHMP)	not listed	not listed
Ventilation	Mechanical (general) exhaust required.	
Respiratory Protection	Wash thoroughly after handling. Keep container closed. Exercise caution in the storage and handling of all chemical substances.	
Protective Gloves	Rubber gloves.	
Eye Protection	Safety glasses.	
Other Protective Equipment	Not required	
Work / Hygienic Practices	Handle in accordance with good industrial hygiene and safety practices.	

Section 9 - Physical and chemical properties

Appearance	Clear glassy material.	Vapor Pressure @20°C	Solid
Odor	Odor is typical	Vapor Density	Solid
Odor Threshold	Not Determined	Specific Gravity	N/A
pH	7.0-7.5 (in solution)	Solubility in Water	Complete
Melting Point, °F	N/A	Partition Coefficient	Not Determined
Boiling Point, °F	Solid	Auto Ignition Temp, °F	Non Flammable.
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	N/A	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	N/A

Section 10 - Stability and reactivity

Reactivity	in water: N/A
Stability	stable under normal conditions
Conditions to Avoid	Strong oxidizers.



Incompatible Materials None known
Hazardous Decomposition Products None known
Hazardous Polymerization Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry inhalation, skin or eye contact, ingestion
Acute Exposure Symptoms Eye and skin irritation.
Chronic Exposure Effects No available information was found.
Medical Conditions Aggravated By Exposure N/A

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sodium hexametaphosphate (SHMP)	10124-56-8	6200 mg/kg	no data	no data

Carcinogenicity:

Ingredients are on the following lists of suspected or known carcinogens:

Chemical Name	CAS Number:	IARC	NTP	OSHA
sodium hexametaphosphate (SHMP)	10124-56-8	No	No	No

Section 12 - Ecological information

Overview: No data

Section 13 - Disposal considerations

Preparing Waste For Disposal Disposal of this product should be in adherence with the above described (or similarly approved) disposal procedure. Dispose of in accordance with local, state, and federal regulations.

Section 14 - Transport information

DOT Shipping Not DOT Regulated

Section 15 - Regulatory information

California Proposition 65 This product does not contain chemicals listed by California proposition 65.
HMS Ratings Health: 1, Flammability: 0, Reactivity: 0

Section 16 - Other information

Date Prepared 5/22/2015
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