



Section 1 - Identification

Product Name: CPL 3042
Alternate Name: Cooling Tower Treatment
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;

DANGER



Harmful if swallowed

Causes severe skin burns and serious eye damage

Do not breathe dusts or mists.

Do not eat, drink or smoke when using this product.

Wash contacted areas thoroughly after handling.

Wear eye and face protection, and protective gloves and clothing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash skin with plenty of water. Wash contaminated clothing before reuse.

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth. Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with federal, state, and local regulations.

Section 3 - Composition/information on ingredients

Chemical Name	CAS Number	Percent
aminotri(methylenephosphonic acid) (ATMP)	6419-19-8	5-10%
sodium hydroxide	1310-73-2	5-10%
maleic acid copolymer	113221-69-5	1-5%
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	1-5%
tolyltriazole sodium salt	64665-57-2	1-5%
phosphinocarboxylic acid	110224-99-2	1-5%
tetrasodium ethylenediaminetetraacetate (EDTA)	64-02-8	1-5%

Section 4 - First-aid measures

Emergency and First Aid Procedures:



Inhalation	Remove subject to fresh air.
Eye Contact	Flush with water for at least 15 minutes, get medical attention.
Skin Contact	Wash with soap and water. Remove contaminated clothing.
Ingestion	Call a physician. Do not induce vomiting. Give large quantities of water.
Symptoms of Overexposure:	
Inhalation	Non-volatile liquid.
Contact with Skin or Eyes	May result in eye or skin burns. Destructive to eye tissue.
Absorption Through Skin	May cause burns.
Ingestion	May cause abdominal pain and nausea. Severe burns to mucous membranes of the mouth, throat and stomach.

Section 5 - Fire-fighting measures

Extinguishing Media	water spray, carbon dioxide, dry chemical, or appropriate foam
Fire Fighting Procedure	None
Unusual Fire/Explosion Hazard	None
Hazardous Combustion Products	Substance is noncombustible

Section 6 - Accidental release measures

Spill Response Procedure	Small spills, wash down with water and dispose to sanitary sewer.
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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
aminotri(methylenephosphonic acid) (ATMP)	1 mg/m ³ TWA, 3 mg/m ³ STEL	1 mg/m ³ TWA, 3 mg/m ³ STEL
sodium hydroxide	2 mg/m ³ TWA	2 mg/m ³ (C)
maleic acid copolymer	not listed	not listed
hydroxyphosphonoacetic acid (HPAA)	1 mg/m ³ TWA, 3 mg/m ³ STEL	1 mg/m ³ TWA, 3 mg/m ³ STEL
tolyltriazole sodium salt	not listed	not listed
phosphinocarboxylic acid	not listed	not listed
tetrasodium ethylenediaminetetraacetate (EDTA)	not listed	not listed

Ventilation	Local exhaust required.
Respiratory Protection	Normal ventilation.
Protective Gloves	Rubber gloves.
Eye Protection	Chemical safety goggles.
Other Protective Equipment	Not required.
Work / Hygienic Practices	Handle with care. Avoid eye and skin contact.



Section 9 - Physical and chemical properties

Appearance	Brown liquid	Vapor Pressure @20°C	14 mm
Odor	No odor	Vapor Density	NA
Odor Threshold	Not Determined	Specific Gravity	1.130
pH	12.4	Solubility in Water	100%
Melting Point, °F	25 to 32 deg F	Partition Coefficient	Not Determined
Boiling Point, °F	220 deg F	Auto Ignition Temp, °F	Non flammable
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	1	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	94

Section 10 - Stability and reactivity

Reactivity	in water: N/A
Stability	stable under normal conditions
Conditions to Avoid	Not applicable.
Incompatible Materials	Strong mineral acids.
Hazardous Decomposition Products	Thermal decomposition may yield oxides of carbon.
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	skin or eye contact, ingestion
Acute Exposure Symptoms	May cause burns.
Chronic Exposure Effects	N/A
Medical Conditions Aggravated By Exposure	N/A

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
aminotri(methylenephosphonic acid) (ATMP)	6419-19-8	no data	no data	no data
sodium hydroxide	1310-73-2	300-500 mg/kg	>2000 mg/kg	no data
maleic acid copolymer	113221-69-5	3870 mg/kg	no data	no data
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	2750	no data	no data
tolyltriazole sodium salt	64665-57-2	1980 mg/kg	2000 mg/kg	no data
phosphinocarboxylic acid	110224-99-2	>5000 mg/kg	>2000 mg/kg	no data
tetrasodium ethylenediaminetetraacetate (EDTA)	64-02-8	3030 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
aminotri(methylenephosphonic acid) (ATMP)	6419-19-8	No	No	No
sodium hydroxide	1310-73-2	No	No	No
maleic acid copolymer	113221-69-5	No	No	No
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	No	No	No
tolyltriazole sodium salt	64665-57-2	No	No	No



phosphinocarboxylic acid	110224-99-2	No	No	No
tetrasodium ethylenediaminetetraacetate (EDTA)	64-02-8	No	No	No

Section 12 - Ecological information

Overview: No data

Section 13 - Disposal considerations

Preparing Waste For Disposal Dispose of in accordance with Federal, State and local laws and regulations.

Section 14 - Transport information

DOT Shipping UN1824, SODIUM HYDROXIDE SOLUTION, 8, PG II

Section 15 - Regulatory information

California Proposition 65 This product does not contain chemicals listed by California proposition 65.

HMIS Ratings Health: 2, Flammability: 0, Reactivity: 0

Section 16 - Other information

Date Prepared 9/30/2021 (revised)

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