

SAFETY DATA SHEET

Date issued : 09/13/2024
SDS number : Regal Conquer

Regal Pool Care System Conquer

1. Identification

Product identifier: Regal Pool Care System Conquer

Distributor

Alliance Trading, Inc.
109 North Park Blvd., 4th Floor
Covington, LA 70433

Emergency telephone number (24 hour)

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. Hazard identification

Classification of the substance or mixture

Acute Toxicity (Oral), Category 4
Skin Corrosion/Skin Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 1

Health hazards:

Target Organ Toxicity (Single exposure), Category 2

Label elements

This material is considered hazardous under OSHA regulations.



Exclamation
mark



Corrosion



Health hazard

Signal word: DANGER

Hazard statement(s)

H302: Harmful if swallowed.
H318: Causes serious eye damage.
H314: Causes severe skin burns and eye damage.
H371: May cause damage to organs (or state all organs affected, if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Precautionary statement(s)

Supplemental label elements:

P501: Dispose of contents/container to ...
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P308+P311: IF exposed or concerned: Call a POISON CENTER/doctor/...
P310: Immediately call a POISON CENTER/doctor/...
P330: Rinse mouth.
P321: Specific treatment (see ... on this label).
P405: Store locked up.
P264: Wash ... thoroughly after handling.
P363: Wash contaminated clothing before reuse.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

3. Composition/information on ingredients

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Chemical name	% w/w	CAS No.
Phosphonic Acid, (1-hydroxyethylidene)bis-	58 - 62	2809-21-4
Phosphonic Acid	< 2	13598-36-2

4. First-aid measures

Eye: Hold eyelids apart and flush with water for at least 15 minutes. Get medical attention.

Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.

Ingestion: If swallowed, wash mouth thoroughly with plenty of water and give water to drink. Get medical attention immediately. Never give an unconscious person anything to drink.

Inhalation: In case of adverse exposure to vapors and/or aerosols, immediately remove the affected victim from exposure and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically and supportively.

5. Fire-fighting measures

Flammable class: Nonflammable

Suitable extinguishing media: Water only.

Fire fighting equipment: Wear self-contained breathing apparatus in pressure-demand mode and full protective gear.

Fire explosion: Not Applicable

6. Accidental release measures

Large spill: Absorb spill with inert material (e.g. vermiculite, sand, or earth), then place in suitable container.

Special protective equipment: Wear respirator, chemical safety glasses, rubber gloves and boots.

7. Handling and storage

Precautions for safe handling: DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, FRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing.

Comments: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

8. Exposure controls/personal protection

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Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m³
Phosphonic Acid, (1-hydroxyethylidene)bis-	OSHA PEL	TWA	ppm ^[1]	mg/m3 ^[1]
		STEL	ppm	mg/m3
	ACGIH TLV	TWA	ppm	mg/m3
		STEL	ppm	mg/m3
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Footnotes: 1. NL = Not Listed				

Appropriate engineering controls: Safety shower and eye bath. Mechanical exhaust required. There are no special ventilation requirements.

Individual protection measures, such as personal protective equipment

Respiratory protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 14) respirator. Respirator Protection is not normally required.

Skin protection - other: Chemically-resistant clothing.

Occupational hygiene practices: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

9. Physical and chemical properties

Physical state: Liquid
Color: Colorless to pale-yellow
Odor: Odorless to slight odor.
Odor threshold: Not Determined.
pH: < 2
Flash point: No data available
Density: 12.0
Relative density: 1.444 at 25°C (77°F)
Solubility: Complete.
Auto-ignition temperature: Not Applicable
Percent volatiles: 38.00

10. Stability and reactivity

Reactivity: Reacts with alkalis and generates heat.
Chemical stability: Stable under normal conditions.
Conditions to avoid: Contact with common metals might produce flammable hydrogen gas.
Possibility of hazardous reactions: Will not occur.
Hazardous decomposition products: Thermal decomposition may release carbon monoxide and/or carbon dioxide.
Incompatible materials: Strong oxidizers and strong alkalis.

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11. Toxicological information

Acute toxicity

Acute oral toxicity LD₅₀: 1895 mg/kg - Rat

12. Ecological information

Ecotoxicological information: Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Bioaccumulative potential: No bioaccumulation is expected.

13. Disposal considerations

Disposal methods: Disposal must be made according to official regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Corrosive Liquid, acidic, organic N.O.S. (1-hydroxyethylidene-1, 1-diphosphonic acid)

UN number: 3265

Transport hazard class(es): 8 - Corrosive

Packing group, if applicable: II

DOT other shipping information: LQ Exception: § 173.154 Exceptions for Class 8 (corrosive materials) - (1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 Gallons) net capacity each for liquids or not over 1.0 kg (2.2 pounds) net capacity each for solids, packed in a strong outer packaging.

ADR / RID - road / rail

UN number: 3265

Hazard class: 8 - Corrosive

Packing group, if applicable: II

IMO / IMDG - International

UN proper shipping name: Corrosive Liquid, acidic, organic N.O.S. (1-hydroxyethylidene-1, 1-diphosphonic acid)

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Physical hazards: Acute Effects: Corrosive to eyes and irritating to skin. Irritating to nose and throat.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: No additional information available.

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All components are listed on the TSCA Inventory.

16. Other information

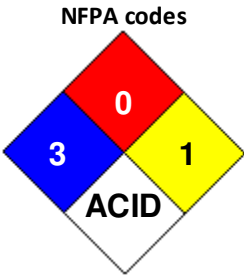
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HMIS rating		
Health	<input type="text"/>	3
Flammability	<input type="text"/>	0
Physical hazard	<input type="text"/>	1
Personal protection	<input type="text"/>	



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