

SAFETY DATA SHEET

Date issued : 12/07/2022

SDS number : Regal Super Stain Out

Regal Pool Care System Super Stain Out

1. Identification

Product identifier: Regal Pool Care System Super Stain Out**Product description:** 1295N6PP**Product formulation name:** L-Ascorbic Acid**Relevant identified uses:** Stain and Scale Control**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

Label elements

Combustible dust. (No GHS Pictogram associated with this chemical.)

Signal word: WARNING**Hazard statement(s)**

68726D08: May form combustible dust concentrations in air.

Precautionary statement(s)**Supplemental label elements:**

8219D4CW: This product is not classified as hazardous according to the Globally Harmonized System.

Potential health effects**Eye:** May cause eye irritation with redness and pain.**Skin:** May cause skin irritation.**Ingestion:** May cause gastrointestinal effects.**Inhalation:** May cause irritation with cough and sore throat.**Carcinogenicity:** Not listed by NTP, IARC or OSHA.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
L-Ascorbic acid	100	50-81-7

4. First-aid measures

Eye: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.**Skin:** Wash exposed area with soap and water. Do not use solvents. Get medical advice if irritation develops.**Ingestion:** Give several glasses of water to drink. If large amounts were swallowed, get medical advice.**Inhalation:** Remove to fresh air. If not breathing, give CPR. Get medical attention.**Indication of immediate medical attention and special treatment needed, if necessary:** Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Water spray, dry powder, foam, carbon dioxide.**Hazardous combustion products:** None known.**Explosion hazards:** Consider dust explosion.**Fire fighting procedures:** Precipitate gases, vapors, mists with water spray.**Hazardous decomposition products:** None known.

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6. Accidental release measures

Small spill: Avoid dust formation. Collect solids for waste removal. Rinse contaminated area with plenty of water.

Environmental precautions

Water spill: Do not discharge into drains or waterways.

7. Handling and storage

General procedures: Use with adequate ventilation. Minimize dust generation and accumulation.

Precautions for safe handling: Avoid dust formation. High dust explosion hazard.

Conditions for safe storage: Store in a tightly closed container. Keep at room temperature.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
L-Ascorbic acid	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[2]	[2]
Footnotes: 1. 15 mg/m ³ = Total dust, 5 mg/m ³ = Respirable fraction for "nuisance dusts" 2. 10 mg/m ³ 8 hr. average				

Appropriate engineering controls: Local exhaust.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear chemical safety goggles.

Skin protection - hand protection: Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Respiratory protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

9. Physical and chemical properties

Physical state: Solid

Appearance: White to yellowish crystalline powder.

Odor: Mild.

pH: 3 (in 0.5% aqueous solution)

Melting point: 190-192 deg C

Flash point: Not Applicable

Evaporation rate (n-butyl acetate = 1): Not Available

Lower explosion limit / flammability limit: 0

Upper explosion limit / flammability limit: 0

Vapor pressure: 99

Relative vapor density: 99

Density: 1.65

Relative density: 1

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Solubility: 33g/100g water**VOC content:** 99**10. Stability and reactivity****Dangerous polymerization:** Will not occur.**Chemical stability:** Stable.**Conditions to avoid:** Humidity, light, warming.**Hazardous decomposition products:** None Expected.**Incompatible materials:** Oxidizing agents, atmospheric oxygen, bases, metals, metal salts.**11. Toxicological information****Acute toxicity****Acute oral toxicity LD₅₀:** LD50 11,900 mg/kg (oral, rat)

LD50 8000 mg/kg (oral, mouse)

12. Ecological information**Aquatic toxicity, both acute and chronic****96-hour LC₅₀:** 1020**Notes:** Barely toxic for fish (rainbow trout)**13. Disposal considerations****Disposal methods:** Dispose in accordance with all applicable regulations.**14. Transport information****USA Department of Transport Regulations (DOT)****UN proper shipping name:** Not Regulated.**15. Regulatory information****UNITED STATES****TSCA (The Toxic Substances Control Act)****TSCA Status:** Listed on Inventory List.**Regulations****State regulations:** MA RTK - No

PA RTK - Yes

NJ RTK - Yes

California Proposition 65: There are no chemicals present known to the State of California to cause cancer.**16. Other information****Date Prepared:** 12/07/2022

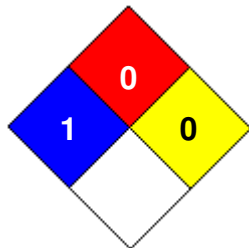
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NFPA codes



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SAFETY DATA SHEET

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SDS No. : Regal Stain Out

Regal Pool Care System Stain Out

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Regal Pool Care System Stain Out**GENERAL USE:** Stain and Scale Control**GENERIC NAME:** Citric Acid**DISTRIBUTOR**

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

24 HR. EMERGENCY TELEPHONE NUMBERS

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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Serious Eye Damage, Category 2

GHS LABEL

Exclamation
mark

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P264: Wash ... thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

EMERGENCY OVERVIEW**IMMEDIATE CONCERNS:** Eye, skin, and mucous membrane irritant. May cause allergic reactions in some individuals.**POTENTIAL HEALTH EFFECTS****EYES:** May cause eye irritation with redness, pain, possible eye burns, conjunctivities, ulceration and permanent cloudiness.**SKIN:** May cause skin irritation with swelling, redness and pain.**INGESTION:** May cause acute gastrointestinal irritation with abdominal pain.**INHALATION:** May cause mucous membrane irritation with cough, sore throat and shortness of breath.**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Citric Acid (Eye Irritant 2A, H319)	100	77-92-9

4. FIRST AID MEASURES

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EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Get medical attention immediately if irritation (redness, rash, blistering) develops and persists. Wash affected areas with plenty of water.

INGESTION: Drink plenty of water. Do not induce vomiting. Consult a physician if necessary.

INHALATION: Remove to fresh air.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: Repeated or prolonged skin contact may result in dermatitis. Prolonged or repeated eye contact may result in conjunctivitis. Long term oral overexposure may cause damage to tooth enamel.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water, water spray, dry powder, foam, carbon dioxide. Remove containers if possible. Cool container exposed to fire with water spray.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained breathing apparatus (SCBA) and turn-out gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides (CO, CO₂).

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep or vacuum into closed containers for disposal. Keep unnecessary personnel away. Dispose in compliance with local, state and federal regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Incompatible with strong bases and oxidizing agents.

HANDLING: Empty containers retain product residue and vapors. Observe all label precautions even after container is emptied. Do not reuse unless thoroughly cleaned.

STORAGE: Store in a cool dry place. Store away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
	OSHA PEL	TWA	[1]	[1]
Citric Acid (Eye Irritant 2A, H319)	ACGIH TLV	TWA	[2]	[2]

Footnotes:

1. 5 mg/m³ (respirable dust)

2. Not established. Use TLV for Nuisance dusts of 5 mg/m³.

ENGINEERING CONTROLS: Provide adequate exhaust ventilation to control work place concentrations.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses recommended.

SKIN: Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

RESPIRATORY: In dusty atmospheres use a NIOSH-approved dust respirator.

PROTECTIVE CLOTHING: Lightweight protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

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ODOR: None.**APPEARANCE:** White powder.**pH:** 1.80**FLASHPOINT AND METHOD:** Not Applicable.**LOWER EXPLOSION LIMIT:** 8 gm/FT3**UPPER EXPLOSION LIMIT:** 65 gm/FT3**AUTOIGNITION TEMPERATURE:** 345°C**VAPOR PRESSURE:** Not volatile.**VAPOR DENSITY:** Not Applicable**BOILING POINT:** Not Established**FREEZING POINT:** 153°C**SOLUBILITY IN WATER:** 61.8% at 25 deg C in water**EVAPORATION RATE:** Nil.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.**CONDITIONS TO AVOID:** Avoid dust formation. Take precautionary measures against static discharges.**POSSIBILITY OF HAZARDOUS REACTIONS:** Thermal decomposition can lead to release of irritating gases and vapors.**HAZARDOUS DECOMPOSITION PRODUCTS:** None, if stored normally.**INCOMPATIBLE MATERIALS:** Strong bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD₅₀: 5040 mg/kg (mice)**INHALATION LC₅₀:** 885 mg/L (rat)**SERIOUS EYE DAMAGE/IRRITATION:** Irritating to eyes and skin.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Toxic to fish.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 440-77 mg/L (goldfish)**BIOACCUMULATION/ACCUMULATION:** None.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not considered hazardous.

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CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not considered hazardous.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

16. OTHER INFORMATION

Date Prepared: 12/07/2022

HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

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SAFETY DATA SHEET

Date Issued : 12/07/2022

SDS No. : Regal No Phos Metal Out

Regal Pool Care System No Phos Metal Out

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Regal Pool Care System No Phos Metal Out**GENERAL USE:** Metal and Scale Control for Spas**DISTRIBUTOR**

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

24 HR. EMERGENCY TELEPHONE NUMBERS

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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Eye Damage, Category 1
Skin Corrosion/Skin Irritation, Category 2
Corrosive to Metals, Category 1

GHS LABEL

Not a dangerous substance/mixture according to GHS standards



Corrosion

SIGNAL WORD: DANGER**HAZARD STATEMENTS**

H318: Causes serious eye damage.
H314: Causes severe skin burns and eye damage.
H290: May be corrosive to metals.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P264: Wash ... thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
Trade Secret	1 - 5
Proprietary Blend	1 - 4

4. FIRST AID MEASURES

EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. See a doctor immediately.

SKIN: Take off contaminated clothing and wash before reuse. Wash off with soap and water. If skin irritation occurs, get medical advice/attention.

INGESTION: Rinse mouth. Get medical advice/attention if you feel unwell. Treat symptomatically.

INHALATION: Not normally required. Treat symptomatically.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Non-combustible. As appropriate for surrounding fire.

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Regal Pool Care System No Phos Metal Out

HAZARDOUS COMBUSTION PRODUCTS: None Expected.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with inert material (sand, earth or other absorbent material). Prevent entry into drains.

LARGE SPILL: Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible, prevent water running into sewers.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes, or clothing. Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE: Do not allow material to freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
	EXPOSURE LIMITS		
Chemical Name	Type	ppm	mg/m ³
Proprietary Blend	OSHA PEL	TWA	

ENGINEERING CONTROLS: None Expected.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical safety goggles and/or face shield.

SKIN: Impervious, rubber or neoprene gloves.

RESPIRATORY: None normally required.

WORK HYGIENIC PRACTICES: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Not Available

ODOR THRESHOLD: Not Available

COLOR: Magenta

pH: 2.62

FLASHPOINT AND METHOD: Non-combustible / Non-flammable

EXPLOSION LIMITS: Not Applicable

AUTOIGNITION TEMPERATURE: Non-combustible / Non-flammable

VAPOR PRESSURE: Similar to water.

VAPOR DENSITY: Similar to water.

BOILING POINT: 100°C (212°F)

FREEZING POINT: 0°C (32°F)

DECOMPOSITION TEMPERATURE: Not Available

SOLUBILITY IN WATER: Miscible

EVAPORATION RATE: Similar to water

DENSITY: Not Available

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SPECIFIC GRAVITY: 1.096

OXIDIZING PROPERTIES: None Expected.

10. STABILITY AND REACTIVITY

REACTIVITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: None Expected.

STABILITY: Stable.

CONDITIONS TO AVOID: Incompatible materials.

POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.

INCOMPATIBLE MATERIALS: Substances that react with water. Strong bases.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 2000 mg/kg bw/day (Rat)ORAL LD₅₀: > 2000 mg/kg bw/day (Rat)

SKIN CORROSION/IRRITATION: None Expected.

SERIOUS EYE DAMAGE/IRRITATION: Yes

RESPIRATORY OR SKIN SENSITISATION: Non-sensitizer.

GERM CELL MUTAGENICITY: None Expected.

CARCINOGENICITY

NOTES: None Expected.

REPRODUCTIVE TOXICITY: None Expected.

STOT-REPEATED EXPOSURE: None Expected.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Low mobility in soil

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 100 mg/L (fish)48-HOUR EC₅₀: > 100 mg/L (Crustacea)96-HOUR EC₅₀: > 100 mg/L (Algae)

BIOACCUMULATION/ACCUMULATION: None Expected.

ENVIRONMENTAL DATA: Not classified as PBT or vPvB.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state, and federal regulations. Contact a licensed waste disposal service to dispose of this material. Surplus product should, if possible, be used for an appropriate application.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

OTHER SHIPPING INFORMATION: Not classified as dangerous for transport.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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311/312 HEALTH HAZARDS: No data available

311/312 PHYSICAL HAZARDS: No data available

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No data available

CALIFORNIA PROPOSITION 65: No data available

16. OTHER INFORMATION

Date Prepared: 12/07/2022

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