

# SAFETY DATA SHEET

Date Issued : 12/06/2022

SDS No. : Regal Dy-Chlor II

## Regal Pool Care System Dy-Chlor II

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Regal Pool Care System Dy-Chlor II  
**GENERAL USE:** Pool and Spa Sanitizer  
**PRODUCT DESCRIPTION:** Swimming Pool Sanitizer/Water Treatment  
**ACTIVE INGREDIENT(S):** Sodium Dichloro-s-triazinetriene Dihydrate

#### DISTRIBUTOR

Allied Universal Corp.  
 (305) 888-2623  
 3901 NW 115th Ave  
 Miami, FL 33178  
**Emergency Phone:** (800) 255-3924

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Acute Toxicity (Oral), Category 4  
 Acute Toxicity (Inhalation), Category 2 \* (See note below **Hazard Statements**)  
 Skin Corrosion/Skin Irritation, Category 1C  
 Serious Eye Damage, Category 1  
 Target Organ Toxicity (Single exposure), Category 3

##### Environmental:

Acute Hazards to the Aquatic Environment, Category 1  
 Chronic Hazards to the Aquatic Environment, Category 1

#### GHS LABEL



Skull and crossbones



Corrosion



Exclamation mark



Environment

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H302: Harmful if swallowed.  
 H314: Causes severe skin burns and eye damage.  
 H318: Causes serious eye damage.  
 H335: May cause respiratory irritation.  
 H410: Very toxic to aquatic life with long lasting effects.  
 76078CJQ: H330: Fatal if inhaled. \* (See note below)

\* **NOTE:** This material in the form as sold is not expected to produce respiratory effects. Particles of respirable size are generally not encountered. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. *If ground or otherwise in a powdered form*, effects similar to a corrosive substance may occur. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngeospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P285: In case of inadequate ventilation wear respiratory protection.  
 4304ZF6P: Wash exposed skin thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.

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

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

### Response:

P330: Rinse mouth.

P391: Collect spillage.

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

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor/...

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

### Disposal:

P501: Dispose of contents/container to ...

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Dichloro-s-triazinetrione Dihydrate	99	51580-86-0

**COMMENTS:** 55.0 - 56.0% active chlorine

## 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:** Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Get medical attention immediately. Have person sip a glass of water, if able to swallow. Do not induce vomiting unless told to do so.

**INHALATION:** Move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use massive amounts of water. Do not use dry chemicals, carbon dioxide, halogenated agents.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus in pressure-demand mode and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Chlorine, nitrogen trichloride, hydrogen trichloride, nitrogen oxide, and carbon monoxide.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Sweep up spill with a dry broom into suitable container for disposal.

**RELEASE NOTES:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, or oceans Do not flush into surface water or sanitary sewer systems.

**COMMENTS:** Avoid inhalation and contact with eyes and skin. Use personal protective equipment.

## 7. HANDLING AND STORAGE

**HANDLING:** Wear proper protective equipment in order to avoid contact with eyes or skin. Remove and wash contaminated clothing before re-

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use. Do not breathe vapors/dust. Do not eat, drink or smoke when using this product. Use only in area with appropriate exhaust ventilation.

**STORAGE:** Keep product in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. Keep storage room temperature under 40 degrees C. Do not store with water, oxidizing agents, alkalies, grease, reducing agents and acids. Keep out of reach of children.

**COMMENTS:** Incompatible Products: Strong oxidizing agents. Strong bases.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
		EXPOSURE LIMITS		
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Sodium Dichloro-s-triazinetrione Dihydrate	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[2]	[2]
	Supplier OEL	TWA	[3]	[3]
<b>Footnotes:</b> 1. 15 mg/m <sup>3</sup> (total dust) TWA; 5 mg/m <sup>3</sup> (respirable) 8-hr TWA for Particulates Not Otherwise Regulated 2. 3 mg/m <sup>3</sup> (respirable) TWA; 10 mg/m <sup>3</sup> (inhalable) TWA - for Particulates Not Otherwise Classified 3. The TLV for Chlorine is 0.5 ppm (1.5 mg/m <sup>3</sup> ) TWA and 1ppm STEL.				

**ENGINEERING CONTROLS:** Ventilation systems, eyewash stations, showers.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical safety goggles.

**SKIN:** Chemical-resistant gloves.

**RESPIRATORY:** A NIOSH approved respirator with N95 (dust, fume, mist) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure. The added protection of a full face-piece respirator is required when visible dusty conditions are encountered and eye irritation may occur. Acid gas cartridges with N95 filters are required when fumes or vapor may be generated. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

**PROTECTIVE CLOTHING:** Wear impervious long-sleeved clothing to minimize skin contact.

**WORK HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

**OTHER USE PRECAUTIONS:** Protective material: Butyl rubber, natural rubber, neoprene, nitrile, polyvinyl chloride (PVC), Tyvek.

#### COMMENTS: Exposure limits for Air Contaminants (OSHA)

Particulates not otherwise regulated: Total dust; TWA 15 mg/m<sup>3</sup>; Respirable fraction: TWA 5 mg/m<sup>3</sup>

#### Exposure Limits for Air Contaminants (ACGIH)

Particulates (insoluble or poorly soluble) - Respirable Particles: TWA 3 mg/m<sup>3</sup>; Inhalable Particles: TWA 10 mg/m<sup>3</sup>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** Mild chlorine.

**APPEARANCE:** White granular.

**pH:** 6.5 (1% solution.)

**FLASHPOINT AND METHOD:** Not Applicable

**LOWER EXPLOSION LIMIT:** 0

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**UPPER EXPLOSION LIMIT:** 0  
**EXPLOSION LIMITS:** Non-flammable.  
**VAPOR PRESSURE:** 100  
**VAPOR DENSITY:** 100  
**BOILING POINT:** Not Applicable  
**FREEZING POINT:** Not Applicable  
**DECOMPOSITION TEMPERATURE:** May generate heat at 45 degrees C or higher.  
**SOLUBILITY IN WATER:** 26.25 g/100g at 25°C  
**EVAPORATION RATE:** Not Applicable  
**DENSITY:** 16.69 at (68°F)  
**SPECIFIC GRAVITY:** 2  
**VISCOSITY:** Not Applicable  
**(VOC):** 1

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** Stable under recommended storage conditions.  
**CONDITIONS TO AVOID:** Heat, direct sunlight, water and moisture. (Keep product under 40 degrees C.)  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Chlorine, nitrogen trichloride, hydrogen chloride, nitrogen oxide, carbon monoxide, carbon dioxide, and nitrogen.  
**INCOMPATIBLE MATERIALS:** Acid, alkali, other chlorine agents, oils/fats, and flammable materials.

## 11. TOXICOLOGICAL INFORMATION

## ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Sodium Dichloro-s-triazinetriene Dihydrate	1800 mg/kg (rat)	> 5000 mg/kg (rabbit)

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg - Rabbit

**ORAL LD<sub>50</sub>:** 1823 mg/kg - Rat

**Notes:** Merck

**INHALATION LC<sub>50</sub>:** 0.27 to 1.17 mg/L (4hr)

**Notes:** This material in the form as sold is not expected to produce respiratory effects. Particles of respirable size are generally not encountered. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. If ground or otherwise in a powdered form, effects similar to a corrosive substance may occur. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngeospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

**GERM CELL MUTAGENICITY:** AMES Test: Negative (*Test substance: monosodium cyanurate*)

Mouse Lymphoma Assay: Negative (*Test substance monosodium cyanurate*)

## CARCINOGENICITY

**NOTES:** Not classified as a carcinogen by NTP, IARC or OSHA.

**REPRODUCTIVE TOXICITY:** Not Available

**STOT-SINGLE EXPOSURE:** Breathing dust or fumes is expected to be a primary route of exposure. May produce throat and respiratory tract irritation.

## 12. ECOLOGICAL INFORMATION

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### AQUATIC TOXICITY (ACUTE)

96-HOUR LC<sub>50</sub>: 0.42 mg/L (Oryzias latipes)

**CHEMICAL FATE INFORMATION:** Decomposable in nature.

0% by BOD after 14 days. 7.8% by TOC after 14 days. 5.3% by HPLC after 14 days.

100% in aerobic activated sludge after 8 hours. 100% in anaerobic sludge after 72 hours. 52% - 100% in aerobic activated sludge after 9-23 days.

**BIOACCUMULATION/ACCUMULATION:** This product is not expected to bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable regulations.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Environmentally hazardous substance, soild, n.o.s.

**PRIMARY HAZARD CLASS/DIVISION:** 9

**UN/NA NUMBER:** 3077

**PACKING GROUP:** III

**OTHER SHIPPING INFORMATION:**

§171.4(c)(1) Marine Pollutant Exception: Except when all or part of the transportation is by vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicle, rail car or aircraft.

**SPECIAL SHIPPING NOTES:** DOT Special Provision #28 states "The dihydrated sodium salt of dichlorisocyanuric acid is not subject to the requirements of this subchapter."

### AIR (ICAO/IATA)

**SHIPPING NAME:** Environmentally hazardous substance, soild, n.o.s.

**TECHNICAL NAME:** UN3077, Environmentally hazardous substance, soild, n.o.s. (Sodium dichloroisocyanurate dihydrate), 9, PG III

**UN/NA NUMBER:** 3077

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

**ERG:** 9L

**NOTE:** Marine Pollutant

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Environmentally hazardous substance, soild, n.o.s.

**TECHNICAL NAME:** UN3077, Environmentally hazardous substance, soild, n.o.s. (Sodium dichloroisocyanurate dihydrate), 9, PG III

**UN/NA NUMBER:** 3077

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

**EmS:** F-A, S-F

**NOTE:** Marine Pollutant

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HEALTH HAZARDS:** Hazard Categories: Health: Immediate (Acute) Health Hazard

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**313 REPORTABLE INGREDIENTS:** None.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

**REGULATIONS**

**STATE REGULATIONS:** Massachusetts Hazardous Substance - Yes  
Pennsylvania Hazardous Substance - Yes

**CALIFORNIA PROPOSITION 65:** None of the ingredients are listed as carcinogens.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Below you will find the hazard information that is required on the EPA pesticide label.

**GENERAL COMMENTS: HAZARD INFO FOUND ON SODIUM DICHLOROISOCYANURIC ACID EPA LABEL:**

Hazards to humans and domestic animals.

**DANGER.** Corrosive.

Causes irreversible eye damage.

May be fatal if inhaled. Do not breathe dust

Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin.

Strong oxidizing agent.

Toxic to fish and aquatic organisms.

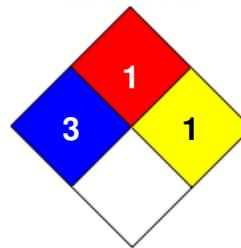
### 16. OTHER INFORMATION

Date Prepared: 12/06/2022

**HMIS RATING**

<b>HEALTH</b>	□	<b>3</b>
<b>FLAMMABILITY</b>	□	<b>1</b>
<b>PHYSICAL HAZARD</b>	□	<b>1</b>
<b>PERSONAL PROTECTION</b>	□	<b>F</b>

**NFPA CODES**



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# SAFETY DATA SHEET

Date Issued : 03/04/2022  
SDS No. : Regal Algaeicide 60

## Regal Pool Care System Algaeicide 60

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Regal Pool Care System Algaeicide 60  
**GENERAL USE:** Algaeicide  
**ACTIVE INGREDIENT(S):** Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]

**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:**

Acute Toxicity (Oral), Category 4

**Environmental:**

Aquatic Toxicity, Acute 1

**GHS LABEL**

This material is considered hazardous under OSHA regulations.



Exclamation  
mark



Environment

**SIGNAL WORD: WARNING**

**HAZARD STATEMENTS**

H302: Harmful if swallowed.  
H400: Very toxic to aquatic life.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.  
P330: Rinse mouth.  
P391: Collect spillage.

**Disposal:**

789508DQ: Dispose of contents/container to comply with local, state and federal regulations.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause eye irritation.

**SKIN:** Prolonged or repeated contact may cause skin irritation.

**INGESTION:** Harmful if swallowed. If medical advice is needed, have product container or label at hand.

**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	60	31512-74-0

### 4. FIRST AID MEASURES

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Date Issued : 03/04/2022  
SDS No. : Regal Algacide 60

## Regal Pool Care System Algacide 60

**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:** Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** DO NOT INDUCE VOMITING. Give a glass of water or milk to drink. Call a physician or poison control immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Immediately move person to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek immediate medical treatment.

**NOTES TO PHYSICIAN:** Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Nonflammable

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**COMMENTS:** Material will not burn.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. This material will sink and is soluble/dispersible. It is probably not recoverable.

**GENERAL PROCEDURES:** Avoid release to the environment. This product is toxic to fish and aquatic organisms. Do not discharge into effluent containing this product into lakes, streams, ponds or estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharging. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, call your State Water Board Authority or Regional Office of EPA.

**RELEASE NOTES:** Notify the authorities.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear appropriate protective equipment and clothing during clean-up.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in a cool, dry, well-ventilated area away from incompatible materials.

**STORAGE PRESSURE:** Atmospheric

**COMMENTS:** Do not reuse empty containers without commercial cleaning or reconditioning. Empty containers retain product residue, (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Spills must be absorbed with sawdust or sand and disposed of in a sanitary landfill. Leaking or damaged drums must be placed in overpack drums for disposal. Do not stack drums more than 4 drums high.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## SAFETY DATA SHEET

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## Regal Pool Care System Algacide 60

## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[1]	[1]
<b>Footnotes:</b> 1. Not established.				

**ENGINEERING CONTROLS:** Ventilation should be provided to control worker exposures and prevent health risks and as necessary to reduce, prevent and control dust, mist, vapor or aerosol generation.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear chemical safety goggles.

**SKIN:** Impervious gloves.

**RESPIRATORY:** None normally required.

**PROTECTIVE CLOTHING:** Body protective clothing and shoes.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practices.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

**COMMENTS:** Use adequate ventilation to keep airborne concentrations low.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild.

**APPEARANCE:** Amber / Yellow

**pH:** 6.0 to 8.0

**PERCENT VOLATILE:** 40

**FLASHPOINT AND METHOD:** > (212°F) COC (Cleveland Open Cup)

**LOWER EXPLOSION LIMIT:** N/A

**UPPER EXPLOSION LIMIT:** N/A

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** > 100°C (212°F)

**FREEZING POINT:** < 0°C (32°F)

**DECOMPOSITION TEMPERATURE:** Not Available

**SOLUBILITY IN WATER:** Soluble at 25.0 C (77.0 F)

**EVAPORATION RATE:** Not Available

**DENSITY:** 9.6 - 9.8 lbs/gal at 25.0°C (77.0°F)

**SPECIFIC GRAVITY:** 1.5 to 1.7

**VISCOSITY #1:** < 125 CPS at 25°C (77°F)

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

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## Regal Pool Care System Algaeicide 60

**INCOMPATIBLE MATERIALS:** None known.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg - Rabbit

**ORAL LD<sub>50</sub>:** 1850 mg/kg - Rat

**INHALATION LC<sub>50</sub>:** 2.9 mg/L (4 hour - rat)

### 12. ECOLOGICAL INFORMATION

#### AQUATIC TOXICITY (ACUTE):

LC50 = 44.00 UG/l - 48 hours (Rainbow trout)

LC50 = 660.0 UG/l - 24 hours (Harlequinfish)

LC50 = 3350 UG/l - 48 hours (Channel catfish)

LC50 = 60,000 UG/l - 48 hours (Zebra mussel)

LC50 = 218.0 UG/l 48 hours (Water Flea)

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable regulations.

**RCRA/EPA WASTE INFORMATION:** This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

**GENERAL COMMENTS:** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained and properly bunged, then promptly returned to a drum reconditioner, or properly disposed of.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated.

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Not Regulated.

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** No components of this product are present above the de minimus levels.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All components of this product may not be listed in the TSCA Inventory. EPA registered pesticides are exempt from the requirements of TSCA.

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

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Below you will find the hazard information that is required on the EPA pesticide label.

**GENERAL COMMENTS: HAZARD INFO FOUND ON EPA LABEL 46043-4:**

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## Regal Pool Care System Algacide 60

CAUTION.

Harmful if swallowed or absorbed through skin.

Causes moderate eye irritation.

Toxic to fish.

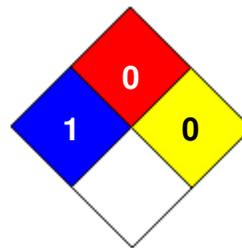
### 16. OTHER INFORMATION

Date Prepared: 03/04/2022

#### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

#### NFPA CODES



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# SAFETY DATA SHEET

Date issued : 07/19/2023

SDS number : Regal Spring Renew

## Regal Pool Care System Spring Renew

### 1. Identification

**Product identifier:** Regal Pool Care System Spring Renew

**Relevant identified uses:** Pool opening aid

**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**

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Precautionary statement(s)**

**Prevention:**

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

P264: Wash ... thoroughly after handling.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P332+P313: If skin irritation occurs: Get medical advice/attention.

### 3. Composition/information on ingredients

Chemical name	% w/w
Proprietary Blend of Mixed Enzymes	100

**Comments:** This product is an aqueous solution of mixture of enzymes as the primary mechanism for digesting non-living organics and oil from water. The exact formulation is a trade secret.

### 4. First-aid measures

**Eye:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin:** Flush skin with plenty of soap and water, removing contaminated clothing. If irritation persists, consult a physician.

**Ingestion:** Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.

**Inhalation:** If adverse effects occur, remove to uncontaminated area. If symptoms of overexposure occur, get medical attention.

**Indication of immediate medical attention and special treatment needed, if necessary:** Under normal use and conditions, the product is considered nontoxic and nonhazardous.

### 5. Fire-fighting measures

**Suitable extinguishing media:** Water fog or fine water spray, dry chemicals, carbon dioxide, sand or foam.

**Fire fighting equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. Accidental release measures

**Small spill:** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Large spill:** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dispose in accordance with all local, state, and federal regulations.

**Environmental precautions**

**Water spill:** Prevent entry into waterways, sewers, basements or confined areas. Absorb with liquid-binding materials (sand, universal binders,

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sawdust).

**Special protective equipment:** Wear appropriate protective equipment and clothing during clean-up.

### 7. Handling and storage

**Precautions for safe handling:** Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Wash hands thoroughly after handling.

**Conditions for safe storage:** Store this product below 120°F (49°C), preferably below 75°F (24°C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 12 months.

### 8. Exposure controls/personal protection

#### Individual protection measures, such as personal protective equipment

**Eye / face protection:** General eye protection suggested when handling any chemical product. Eye wash fountain is recommended.

**Skin protection - hand protection:** Chemical-resistant gloves.

**Respiratory protection:** No special breathing equipment required.

**Skin protection - other:** Protective work 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

**Appearance:** Clear light amber

**Odor:** Mild.

**Odor threshold:** Not Determined.

**pH:** 3.8 to 4.2 77°F (25°C)

**Freezing point:** < 0°C (32°F)

**Initial boiling point and boiling range:** > 100°C (212°F)

**Flash point:** Not Available

**Evaporation rate (n-butyl acetate = 1):** <0.01 \*N-butyl acetate = 1

**Vapor pressure:** <0.01 mm Hg @ 68°F (20°C)

**Relative vapor density:** Similar to water.

**Density:** 8.4 - 8.5 lbs/gal

**Relative density:** 1 to 1.02 at 25°C (77°F)

**Solubility:** Complete.

**Auto-ignition temperature:** Not Available

**VOC content:** Negligible

### 10. Stability and reactivity

**Reactivity:** Hazardous polymerization will not occur.

**Chemical stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Hazardous decomposition products:** None known.

**Incompatible materials:** Strong oxidizing agents, alkalis.

### 11. Toxicological information

**Acute toxicity**

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**Notes:** LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxicity. (>2,000 mg/kg)

**Skin corrosion / irritation:** No irritant effect.

**Serious eye damage / irritation:** May cause discomfort, yet not an eye irritant.

**Respiratory or skin sensitization:** No sensitizing effects known.

### Carcinogenicity

**IARC:** None of the ingredients are listed as carcinogens.

**NTP:** None of the ingredients are listed as carcinogens.

**Notes:** None of the ingredients are listed as carcinogens.

## 12. Ecological information

**Ecotoxicological information:** Readily biodegradable.

### Aquatic toxicity, both acute and chronic

**96-hour LC<sub>50</sub>:** < .59 mg/kg (fathead minnow)

**48-hour EC<sub>50</sub>:** < .36 mg/kg (daphnia)

**Comments:** This product contains no PBT/vPvB chemicals.

## 13. Disposal considerations

**Disposal methods:** Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

## 14. Transport information

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** NMFC 48580.3 Cleaning/Scouring/Wash Comp Class 55

**Technical name:** Not Regulated.

### ICAO / IATA - air

**UN proper shipping name:** Not Regulated.

### IMO / IMDG - International

**UN proper shipping name:** Not Regulated.

## 15. Regulatory information

### UNITED STATES

#### SARA Section 311/312 Hazard Categories

**311/312 Health hazards:** Not listed.

**313 reportable ingredients:** No reportable chemicals.

#### CERCLA Hazardous Substances and Reportable Quantities (RQ)

**CERCLA regulatory:** Not listed.

**CERCLA rq:** No.

#### Regulations

**State regulations:** No components of this product are regulated by the states.

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

## 16. Other information

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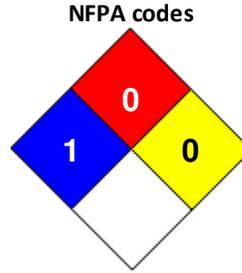
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HMIS rating

Health	<input type="checkbox"/>	1
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input type="checkbox"/>	B



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