

SAFETY DATA SHEET

Date issued : 06/05/2024

SDS number : Regal Natural Pool Enzyme - Canada

Regal Natural Pool Enzyme

1. Identification

Product identifier: Regal Natural Pool Enzyme**Relevant identified uses:** Clarifier**Distributor**

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

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

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 bs/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 LC₅₀: < .59 mg/kg (fathead minnow)

48-hour EC₅₀: < .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

Date Prepared: 06/05/2024

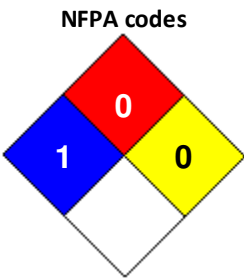
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HMIS rating		
Health		1
Flammability		0
Physical hazard		0
Personal protection	B	



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