SAFETY DATA SHEET

Date issued : 05/01/2024
SDS number : REGAL pH MINUS - Canada

REGAL pH MINUS

1. Identification

Product identifier: REGAL pH MINUS
Relevant identified uses: pH Decreaser

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



Corrosion

Signal word: DANGER

Hazard statement(s)

H318: Causes serious eye damage.

Precautionary statement(s)

Prevention:

P262: Do not get in eyes, on skin, or on clothing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/...
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Potential health effects

Eye: Causes eye irritation. Adverse symptoms may include pain, watering and redness.

Skin: Skin contact can cause irritation of the skin with pain, itching and redness. Overexposure may cause chemical burns.

Inhalation: Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Routes of entry: Eyes, Skin, Inhalation, Ingestion

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sodium Bisulfate (Eye Dam. 1, H318)	> 90	7681-38-1

4. First-aid measures

Eye: Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention.

Skin: Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical professional. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband.

Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, give oxygen. Get medical attention. **WARNING**: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

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5. Fire-fighting measures

Flammable class: Nonflammable

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Fire fighting equipment: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Hazardous decomposition products: At temperatures above 806 deg F, hazardous fumes sulfur oxide and sulfur trioxide are evolved.

6. Accidental release measures

Small spill: Use appropriate containers to avoid environmental contamination.

Large spill: Corrosive solid. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

General procedures: Prevent entry into soil, waterways, drains and sewers. Inform relevant authorities if product has caused environmental pollution.

Special protective equipment: Do not breathe dust. Provide adequate ventilation. Put on appropriate personal protective equipment.

7. Handling and storage

Precautions for safe handling: Wear all recommended personal protective clothing when handling. Avoid contact with eyes. Wash thoroughly after handling. Minimize dust generation. Avoid breathing dust.

Conditions for safe storage: Keep containers tightly closed in a dry, well-ventilated area. Keep away from children.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	**Type**		**ppm**	**mg/m³**
Sodium Bisulfate (Eye Dam. 1, H318)	**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 ppm	NL mg/m3
		STEL	NL ppm	NL mg/m3

Footnotes:
1. This material meets the definition as an Irritant as defined in OSHA's Hazard Communication Standard.

Appropriate engineering controls: Local exhaust ventilation or other engineering controls are normally required when handling or using this product to keep airborne exposures below the TLV, PEL or other recommended exposure limit.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear chemical safety goggles.

Skin protection - hand protection: Protective gloves, protective clothing.

Respiratory protection: In dusty atmospheres (greater than 10 mg/m3) use a NIOSH-approved dust respirator.

Occupational hygiene practices:
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.

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Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Avoid breathing dust.

9. Physical and chemical properties

Physical state: Dry crystalline solid.

Appearance: Off-white granular powder.

Odor: Fresh to pungent.

pH: < 1.0 5% aqueous solution spherical shaped beads.

Melting point: 183°C

Flash point: Not combustible.

Lower explosion limit / flammability limit: 0

Upper explosion limit / flammability limit: 0

Vapor pressure: N/A

Relative vapor density: N/A

Density: 1.28

Relative density: 2.435

Solubility: Partially Soluble

at 20°C (68°F)

Molecular weight: 120.6 g/mol

10. Stability and reactivity

Dangerous polymerization: Will not occur.

Chemical stability: Stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Hazardous decomposition products: Under normal conditins of storage and use, hazardouse decomposition products should not be produced.

Incompatible materials: Oxidizing agents, alkalis, and moisture. Not corrosive in the presence of glass.

11. Toxicological information

Acute toxicity

Acute oral toxicity LD_{50}: 2800 mg/kg - Rat

Germ cell mutagenicity: Mutagenic for bacteria and/or yeast.

Carcinogenicity

Notes: Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

12. Ecological information

Ecotoxicological information: This material dissolves in water to form a weak acid solution. A 0.05% or greater (by weight) solution of this product will likely be harmful to aquatic life.

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.

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15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Not listed.

313 reportable ingredients: None.

TSCA (The Toxic Substances Control Act)

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

Occupational safety and health administration (osha)

29 cfr1910.119---process safety management of highly hazardous chemicals: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

Regulations

State regulations: Not regulated.

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

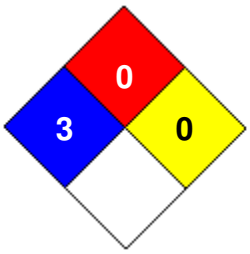
16. Other information

Date Prepared: 05/01/2024

HMIS rating

Health	3
Flammability	0
Physical hazard	0
Personal protection	J

NFPA codes



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