

SAFETY DATA SHEET

Date issued : 04/10/2026
SDS number : Vitalyse Stain Erase

Vitalyse Stain Erase

1. Identification

Product identifier: Vitalyse Stain Erase
Generic name: Citric Acid
Relevant identified uses: Stain Remover and Preventer for Swimming Pools.

Distributor

Poolwerx USA, LLC.
13901 Midway Road
Suite 102-434
Farmers Branch, TX 75244

Emergency telephone number (24 hour)

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

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Serious Eye Damage, Category 2

Label elements

Exclamation
mark

Signal word: WARNING

Hazard statement(s)

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

Eye: 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	% w/w	CAS No.
Citric Acid (Eye Irritant 2A, H319)	100	77-92-9

SAFETY DATA SHEET

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4. First-aid measures

Eye: 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.

Most important symptoms and effects, both acute and delayed

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

Suitable 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.

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

Conditions for safe storage: Store in a cool dry place. Store away from incompatible materials.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type		ppm	mg/m ³
Citric Acid (Eye Irritant 2A, H319)	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[2]	[2]

Footnotes:

- 5 mg/m³ (respirable dust)
- Not established. Use TLV for Nuisance dusts of 5 mg/m³.

Appropriate engineering controls: Provide adequate exhaust ventilation to control work place concentrations.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses recommended.

Skin protection - hand protection: Protective gloves.

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

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

Skin protection - other: Lightweight protective clothing.

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9. Physical and chemical properties

Physical state: Solid

Appearance: White powder.

Odor: None.

pH: 1.80

Freezing point: 153°C

Initial boiling point and boiling range: Not Established

Flash point: Not Applicable.

Evaporation rate (n-butyl acetate = 1): Nil.

Lower explosion limit / flammability limit: 8 gm/FT3

Upper explosion limit / flammability limit: 65 gm/FT3

Vapor pressure: Not volatile.

Relative vapor density: Not Applicable

Solubility: 61.8% at 25 deg C in water

Auto-ignition temperature: 345°C

10. Stability and reactivity

Chemical 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

Acute oral toxicity LD₅₀: 5040 mg/kg (mice)

Acute inhalation toxicity LC₅₀: 885 mg/L (rat)

Serious eye damage / irritation: Irritating to eyes and skin.

12. Ecological information

Ecotoxicological information: Toxic to fish.

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: 440-77 mg/L (goldfish)

Bioaccumulative potential: None.

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

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SARA Section 311/312 Hazard Categories

311/312 Health hazards: Not considered hazardous.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

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: 04/10/2026

HMIS rating

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

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