

SAFETY DATA SHEET

Date issued : 04/10/2026

SDS number : Vitalyse Scale Erase

Vitalyse Scale Erase

1. Identification

Product identifier: Vitalyse Scale Erase
Relevant identified uses: Stain and Scale Control

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:**

Skin Corrosion, Category 1C
 Eye Damage, Category 1
 Aquatic, Acute 2

Label elements

Corrosion

Signal word: WARNING

Hazard statement(s)

H314: Causes severe skin burns and eye damage.
 H401: Toxic to aquatic life.

Precautionary statement(s)**Prevention:**

7222XWJP: Do not breathe dust
 4304ZF6P: Wash exposed skin thoroughly after handling.
 P273: Avoid release to the environment.
 7052PC2H: Wear protective gloves, eye protection, protective clothing.
 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].
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 35945P70: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and each to do. Continue rinsing
 P310: Immediately call a POISON CENTER/doctor/...
 P363: Wash contaminated clothing before reuse.
 P405: Store locked up.
 789508DQ: Dispose of contents/container to comply with local, state and federal regulations.

Emergency overview

Immediate concerns: Corrosive. Harmful or fatal if swallowed. Corrosive to skin and respiratory tract. Can cause permanent damage to eyes. Fire may produce irritating corrosive and/or toxic vapors. Avoid contact with eyes and skin. Avoid breathing dusts. Use with adequate ventilation.

Potential health effects

Eye: Exposure may cause redness, pain, and blurred vision. Prolonged contact may cause corneal injury.

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

Ingestion: Harmful if swallowed. May cause gastric distress, vomiting and diarrhea.

Inhalation: May irritate the nose, throat and respiratory tract. Symptoms can include sore throat, coughing and shortness of breath. In severe

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cases, ulceration and perforation of the nasal septum and upper respiratory tract can occur. In severe cases, pulmonary edema may occur which may lead to death.

Target organ statement: Repeated or prolonged exposure to the substance can produce target organ damage. Repeated exposure of a low level of dust to the eyes can produce eye damage. Repeated skin exposure can produce local skin destruction or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sulfamic Acid	100	5329-14-6

4. First-aid measures

Eye: Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes. Call a physician 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. Have victim rinse mouth thoroughly with water, if conscious. Never give anything by mouth to an unconscious person or one who is having convulsions. Contact a physician or poison control center immediately.

Inhalation: Remove victim to fresh air. Apply artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled substance; but induce artificial respiration with the aid of a mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult. Get immediate medical attention.

Indication of immediate medical attention and special treatment needed, if necessary: Provide general supportive measures and treat symptomatically.

5. Fire-fighting measures

General hazard: As a solid, sulfamic acid is not combustible, however as a solution, it is corrosive and presents a severe inhalation and contact hazard to firefighters. Aqueous solutions of sulfamic acid are highly corrosive, which reacts violently with bases. When involved in a fire, this material may decompose and produce corrosive and/or toxic gases (i.e. ammonia and sulfuric acids).

Suitable extinguishing media: Water fog, carbon dioxide, foam, dry chemical powder.

Fire fighting procedures: Use water to cool containers exposed to fire.

Fire fighting equipment: Firefighters should wear self-contained breathing apparatus (SCBA) and turn-out gear.

Hazardous decomposition products: Nitrogen oxides and carbon oxides.

The substances/groups of substances mentioned can be released in case of fire. Under certain conditions in case of fire, other hazardous combustion products may be generated.

Comments: Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

6. Accidental release measures

Small spill: Stop flow of material, if without risk. Contain discharged material. If sweeping of a contaminated area is necessary, use a dust suppressant that does not react with product.

Avoid all skin contact. Wear gloves, goggles, faceshield and body protection. Sweep up or vacuum spill. Decontaminate area. Neutralize with hydrated lime (calcium oxides), soda ash or sodium bicarbonate. Test with litmus paper. Place spill in suitable container. Thoroughly wash area after clean-up. Prevent contamination of storm drains, sewers, soil, or groundwater.

Large spill: Corrosive solid. Call fire department. 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 water, sewers, basements or confined areas. Neutralize residue with a dilute solution of sodium carbonate.

7. Handling and storage

Precautions for safe handling: Do not breathe dust. Avoid contact with skin and eyes. Use with adequate ventilation. Wash thoroughly after handling. Empty containers may contain particulates; therefore empty containers should be handled with care. Keep this material away from

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food, drink and animal feed. Do not store this material in open or unlabeled containers. Limit quantity of material stored.

Conditions for safe storage: Keep container tightly closed when not in use. Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store containers away from incompatible chemicals. Storage areas should be made of corrosion and fire resistant materials. Floors should be sealed to prevent absorption of this material.

8. Exposure controls/personal protection

Appropriate engineering controls: Local exhaust.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses with side shields or splash proof goggles. Face contact should be prevented with face shield.

Skin protection - hand protection: Impervious gloves.

Respiratory protection: An approved/certified dust/vapor respirator. An organic vapor/acid gas cartridge with dust/mist prefiller may be used.

Skin protection - other: Impervious clothing to prevent skin contact.

9. Physical and chemical properties

Physical state: Solid

Appearance: White crystalline.

pH: 1.18 (1% solution.)

Melting point: 205°C (205°F)

Flash point: Not Flammable

Lower explosion limit / flammability limit: 0

Upper explosion limit / flammability limit: 0

Vapor pressure: 3.21×10^{-16} mm of Hg at 25 deg C

Relative vapor density: Not Available

Relative density: 2.125 In toluene at 25 deg C.

Solubility: 17.5%

at 20°C

Decomposition temperature: 209°C

10. Stability and reactivity

Chemical stability: Stable when dry, but slowly hydrolyzes in solution. Sulfamic acid begins to decompose at 209 deg C (408 deg F). At room temperature, dilute solutions of sulfamic acid is stable for many months. At higher temperature and especially in stronger solutions, hydrolysis of the acid and its ammonium salt occurs, forming ammonium hydrogen sulfate and ammonium sulfate. This reaction occurs much more rapidly as the pH lowers and concentration of the acid increases.

Conditions to avoid: Avoid dispersion of sulfamic acid particulates into the air and contact with heat. Avoid the use of non-vented containers if concentrated solutions of the acid are made and heated, as a runaway hydrolysis reaction will occur, generating sufficient steam in the container to cause an explosion.

Hazardous decomposition products: Nitrogen oxides, carbon oxides, sulfur oxides and ammonia gas. Concentrated solutions when heated will release sulfur dioxide and sulfur trioxide.

Incompatible materials: Incompatible with chlorine and chlorine compounds, cyanides, sulfides, nitrates, carbonates, metal oxides, strong oxidizing agents and strong bases. Chlorination of sulfamic acid with acidic ammonium chloride solutions gives the powerfully explosive oil, nitrogen trichloride. Heating mixtures of barium, potassium or sodium amidosulfates or sulfamic acid, with sodium or potassium nitrates or nitrates, leads to reactions which may be explosive. Mixing sulfuric acid with fuming nitric acid results in violent release of nitrous oxide.

11. Toxicological information

Acute toxicity

Acute oral toxicity LD₅₀: 1312 mg/kg (mice)

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12. Ecological information

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: 58-84 (fathead minnow) fresh water, 22 deg C

Other adverse effects: Harmful to aquatic life in very low concentrations. Sulfamic acid is toxic to fish and marine organisms when applied to streams, rivers, ponds, or lakes.

13. Disposal considerations

Disposal methods: Dispose in accordance with all applicable regulations.

RCRA/EPA waste information: If this product becomes a waste, it could meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste. Consult local, state, federal regulations for specific requirements.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Sulfamic Acid

UN number: UN 2967

Transport hazard class(es): 8

Packing group, if applicable: III

NAERG: 171

DOT other shipping information: Ground Shipping DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 11 lbs and outer packaging does not exceed 66 lbs.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

Regulations

State regulations: New Jersey: Yes

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

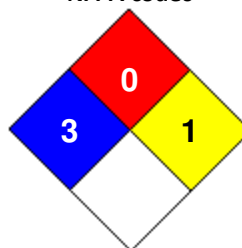
16. Other information

Date Prepared: 04/10/2026

HMIS rating

Health	<input type="checkbox"/>	3
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	1
Personal protection	<input type="checkbox"/>	

NFPA codes



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