

SAFETY DATA SHEET

Date issued : 06/16/2026

SDS number : HammerTech Alkalinity Increaser

HammerTech Solutions Alkalinity Increaser

1. Identification

Product identifier: HammerTech Solutions Alkalinity Increaser
Generic name: Sodium Bicarbonate; Sodium Hydrogen Carbonate
Relevant identified uses: Alkalinity Increaser

Distributor

HammerTech Solutions, LLC.
270 W. Bell Road
Suite 1100
Phoenix, AZ 85053
Web: hammertechsolutions.com

Emergency telephone number (24 hour)

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

2. Hazard identification

Label elements

Not a dangerous substance/mixture according to GHS standards

Precautionary statement(s)**Supplemental label elements:**

8219D4CW: This product is not classified as hazardous according to the Globally Harmonized System.

Carcinogenicity: No known effects.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sodium Hydrogen Carbonate	100	144-55-8

4. First-aid measures

Eye: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. If symptoms occur, get medical attention.

Most important symptoms and effects, both acute and delayed

Chronic effects: No known effect.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

Flame propagation or burning rate of solids: Not flammable.

General hazard: No specific hazards.

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

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

6. Accidental release measures

Environmental precautions

Water spill: Prevent spill rinsate from contamination of storm drains, sewers, soil or groundwater.

General procedures: Scoop up into dry clean containers. Wash away uncontaminated residue with water.

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Comments: Avoid dust formation. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

General procedures: Use with adequate ventilation.

Conditions for safe storage: Store in a cool, dry place away from acids.

8. Exposure controls/personal protection

Appropriate engineering controls: Does not contain any hazardous materials with occupational exposure limits established. Local nuisance dusts apply.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses with side shields or goggles.

Skin protection - hand protection: Protective gloves.

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

Respiratory protection: A respirator or dust mask approved by NIOSH/MSHA should be worn when breathing zone cannot be controlled with ventilation.

Skin protection - other: Body protective clothing and shoes.

9. Physical and chemical properties

Physical state: Solid

Appearance: White crystalline.

Odor: None.

pH: 8.3 (1% solution.)

Melting point: Decomposes

Freezing point: N/A

Initial boiling point and boiling range: N/A

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: 66 lbs. per cubic foot.

Relative density: 2.22

Solubility: 96 g/l at 20°C

Molecular weight: 84.01

10. Stability and reactivity

Reactivity: None under normal use conditions.

Dangerous polymerization: Will not occur.

Chemical stability: Stable.

Conditions to avoid: Heat, humidity, strong odors.

Hazardous decomposition products: Reacts with acids to release carbon dioxide gas and heat.

Incompatible materials: Acids.

11. Toxicological information

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Acute toxicity

Acute oral toxicity LD₅₀: > 5000 mg/kg - Rat**Acute inhalation toxicity LC₅₀:** > 4.74 mg/L (rat) 4.5 hr.**Respiratory or skin sensitization:** Non-sensitizer.**Germ cell mutagenicity:** Non-mutagenic.

Carcinogenicity

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

12. Ecological information

Ecotoxicological information: Not expected to have significant environmental effects.**Aquatic toxicity, both acute and chronic:** Algae (*Nitzschia linearis*) EC50 = 650 mg/l 120 h

Daphnids EC50 = 2300 mg/l, 48 h

Bluegill LC50 = 8250 - 9000 mg/l

Rainbow Trout LC50 = 7700 mg/l

96-hour LC₅₀: 7100 mg/L (Bluegill Sunfish)**48-hour EC₅₀:** 4100 mg/L (Daphnia Magna)**96-hour EC₅₀:** 7700 mg/L (Rainbow Trout)**Persistence and degradability:** Biodegradability does not apply to inorganic substances.**Bioaccumulative potential:** This product is not expected to bioaccumulate.**Comments:** Dissociates into ions.

13. Disposal considerations

Disposal methods: 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:** If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations.

14. Transport information

USA Department of Transport Regulations (DOT)**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:** Not regulated.**CERCLA Hazardous Substances and Reportable Quantities (RQ)****CERCLA regulatory:** Not regulated.**Occupational safety and health administration (osha)****29 cfr1910.119---process safety management of highly hazardous chemicals:** Not hazardous.

Regulations

State regulations: Not regulated.

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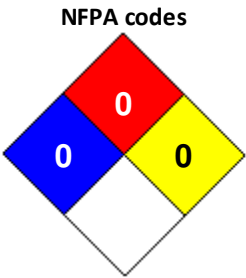
HammerTech Solutions Alkalinity Increaser

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

16. Other information

Date Prepared: 06/16/2026

HMIS rating		
Health		0
Flammability		0
Physical hazard		0
Personal protection		



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