

SAFETY DATA SHEET

Date issued : 06/16/2026

SDS number : HammerTech Pool Tile Cleaner

HammerTech Solutions Pool Tile Cleaner

1. Identification

Product identifier: HammerTech Solutions Pool Tile Cleaner**Relevant identified uses:** Tile & liner cleaner.**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

This material is considered hazardous under OSHA regulations.



Corrosion

Exclamation
mark**Signal word:** DANGER**Hazard statement(s)**

H319: Causes serious eye irritation.

Precautionary statement(s)**Prevention:**

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.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P264: Wash ... thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sodium Metasilicate Nonahydrate	1 - 10	13517-24-3
EthylenediaminetetraAcetic Acid, Tetrasodium Salt	1 - 10	64-02-8
Diphosphoric Acid, Tetrapotassium Salt	1 - 10	7320-34-5
Proprietary Inert	> 70	

Comments: Common name: Disodium Trioxosilicate, Sodium Silicate

4. First-aid measures

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Do not apply neutralizing agents. Remove contact lenses, if present, after 1-2 minutes of rinsing. Cold water may be used. Get medical attention immediately.**Skin:** 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.

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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: Supply fresh air; consult a doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest, provide artificial respiration.

Indication of immediate medical attention and special treatment needed, if necessary: No further information available.

5. Fire-fighting measures

Flammable class: Nonflammable

Suitable extinguishing media: Dry chemical, CO₂, or water spray.

Fire fighting equipment: Gloves, safety glasses, protective clothing. Dust cloud protection: compressed air/oxygen apparatus. Heat/Fire Exposure: compressed air/oxygen apparatus. Upon combustion: Nitrogen Oxide, CO and CO₂ are formed. Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with SCBA and fight fire from remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to relevant sections.

Hazardous decomposition products: None known.

6. Accidental release measures

Small spill: Prevent dust cloud formation. No naked flames.

Large spill: Plug the leak(s), cut off supply of spill. Dam up and soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust, clay-bases granular). Keep in suitable, closed containers for disposal.

Environmental precautions

Land spill: Prevent spreading concentrate solution over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

General procedures: Comply with all applicable federal, state, and local regulations for clean-up and disposal methods.

Comments: Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust, clay bases granular.)

7. Handling and storage

Precautions for safe handling: Containers of this product may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in this data sheet must be observed.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. Keep from freezing or extreme heat (over 95 degrees F).

8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m³
Sodium Metasilicate Nonahydrate	Supplier OEL	TWA	NL [1]	[1]
		STEL	NL	
Diphosphoric Acid, Tetrapotassium Salt	OSHA PEL	TWA	[1]	[1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
	Footnotes: 1. NL = Not Listed			

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Appropriate engineering controls: Always use this material in a well-ventilated area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear chemical splash goggles or face shield when there is a potential for exposure to the eyes or face. Maintain eyewash station in immediate work area.

Respiratory protection: A NIOSH-approved air purifying respirator with an appropriate cartridge or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has already been determined. Protection provided by air purifying respirators is limited. Use a positive pressure air-supplied respirator if there is any potential of an uncontrolled release, if exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin protection - other: Wear appropriate chemical impervious clothing and boots whenever there is potential for skin contact with product. Launder clothing before reuse. Maintain safety shower at all locations where skin contact is imminent. Contact your local safety equipment supplier to assist the facility in determining the proper selection of personal protective equipment for the applications at your facility. Wear resistant gloves. Discard gloves that show tears, pinholes, or signs of wear. Aprons are to be worn if material is likely to splash, spill or produce a mist, vapor or spray.

Occupational hygiene practices: Wash hands often and whenever you have completed handling this material before you handle other items including your eyes, mouth, etc.

9. Physical and chemical properties

Physical state: Liquid

Appearance: Blue liquid.

Odor: Mild.

pH: 10.1 to 12.9

Freezing point: 0°C (32°F)

Initial boiling point and boiling range: 100°C (112°F)

Flash point: N/A

Vapor pressure: 2.3 at 20°C

Relative vapor density: 0.62

Notes: at 20 degrees C

Relative density: 1.066 at 20°C

Solubility: Easily soluble in cool water, hot water. Soluble in dilute material.

Molecular weight: 19.22 g/mol

Percent volatiles: By Weight >1%; By Volume @ 20 C

10. Stability and reactivity

Dangerous polymerization: Will not occur.

Chemical stability: Stable under normal temperature and pressure.

Conditions to avoid: Exposure to moisture. Excessive heat or freezing. Keep away from open flames/heat. Avoid raising dust.

Hazardous decomposition products: Acids, strong and oxidizing agents.

Incompatible materials: Acids, aluminum, copper, copper alloys, halogenated hydrocarbons, metals, nickel, organic nitro compounds, oxidizing agents, reactive metals (such as aluminum and magnesium), steel, strong bases, zinc.

11. Toxicological information

Comments: None available.

12. Ecological information

Aquatic toxicity, both acute and chronic

Notes: TOXICITY TO FISH:

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Component: EthylenediaminetetraAcetic Acid, Tetrasodium Salt: 96h LC50; 472-500 mg/l (Bluegill) Static: Mortality

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:

Component: EthylenediaminetetraAcetic Acid, Tetrasodium Salt: 24 h EC Water Flea (Daphnia magna): 570-640 mg/l Mortality

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: Corrosive Liquid, Basic, Organic, N.O.S. (Tetrasodium Ethylenediaminetetraacetate, Sodium Hydroxide)

UN number: 3267

Transport hazard class(es): 8

Packing group, if applicable: III

ADR / RID - road / rail

UN proper shipping name: Corrosive Liquid, Basic, Organic, N.O.S. (Tetrasodium Ethylenediaminetetraacetate, Sodium Hydroxide)

UN number: 3267

Hazard class: 8

Packing group, if applicable: III

ICAO / IATA - air

UN proper shipping name: Corrosive Liquid, Basic, Organic, N.O.S. (Tetrasodium Ethylenediaminetetraacetate, Sodium Hydroxide)

UN number: 3267

Transport hazard class(es): 8

Packing group, if applicable: III

IMO / IMDG - International

UN proper shipping name: Corrosive Liquid, Basic, Organic, N.O.S. (Tetrasodium Ethylenediaminetetraacetate, Sodium Hydroxide)

UN number: 3267

Transport hazard class(es): 8

Packing group, if applicable: III

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Not regulated.

313 reportable ingredients: Not regulated.

TSCA (The Toxic Substances Control Act)

TSCA regulatory: Not regulated.

Regulations

State regulations: Not regulated.

16. Other information

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HMIS rating		
Health		1
Flammability		0
Physical hazard		0
Personal protection		

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