

# Nu-Tech Cleaning Systems

# SAFETY DATA SHEET

NTC-796 Snake Bite Tile & Grout Cleaner

Date 12-2-15

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Snake Bite Tile & Grout Cleaner

### Other Means of Identification

**Product Code** NTC-796

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Pre-treatment for grout & tile / multi-purpose hard surface cleaner

### Details of the Supplier of the Safety Data Sheet

**Manufactured for Address** Nu-Tech Cleaning Systems  
378411 Mile Rd.  
Berkley, MI 48072

### Emergency Telephone Number

**Company Phone Number** 248-548-5211  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Skin Corrosion/Irritation	Category 1 Sub-category B
Serious Eye Damage/Eye Irritation	Category 1

### Signal Word

**WARNING**

### Hazard Statements

Causes skin irritation Causes eye irritation  
Harmful if swallowed May be harmful if inhaled  
May cause respiratory irritation  
May cause drowsiness or dizziness



**Appearance** Yellow liquid

**Physical State** Liquid

**Odor** Detergent

**Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood  
 Wear impervious gloves and clothing when handling. Wear safety goggles.  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Do not breathe mist/vapors/spray  
 Use only in well ventilated areas  
 Do not ingest.

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**IF ON SKIN:** Remove/Take off immediately all contaminated clothing. Rinse skin with water for several minutes. If irritation occurs seek medical attention. Wash contaminated clothing before reuse  
**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a physician if irritation occurs.  
**IF SWALLOWED:** Immediately call local poison control center or physician for treatment advice. Rinse mouth.

**Precautionary Statements - Storage**

Store in a cool dry place. Keep containers tightly closed in upright position to prevent leakage.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
2-Butoxyethanol	111-76-2	10 - 20
Sodium metasilicate	6834-92-0	0 - 10
Sodium xylenesulfonate	1300-72-7	0 - 10
Sodium hydroxide	1310-73-2	0 - 10
Silicone fluid Mixture	Proprietary	0 - 3

The specific identity and/or exact percentages are being withheld a trade secret. The balance of ingredients are not hazardous by GHS.

**4. FIRST AID MEASURES**

**First Aid Measures**

- Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical attention if irritation occurs.
- Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation occurs.
- Ingestion** Rinse mouth. Call local poison control center or physician for treatment advice. .
- Skin Contact** Remove/Take off immediately all contaminated clothing. Flush skin with water for several minutes. Seek medical attention if irritation occurs.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

- Note to Physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media** Use dry chemical, water spray, fog or foam.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical**

None known.

**Protective Equipment and Precautions for Firefighters**

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

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment as required.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Collect using an inert absorbent material and place in appropriate containers for disposal. Prevent entry into waterways, sewer, basements or confined areas.

**Methods for Cleaning Up** Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling** Read entire safety data sheet and label before use.

**Advice on Safe Handling** Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe mist/vapors/spray. Use in well-ventilated areas.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Store in a cool, dry place. Keep containers tightly closed and in upright position to prevent leakage. KEEP OUT OF THE REACH OF CHILDREN.

**Incompatible Materials** Strong acids. Oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm	TWA: 5 ppm
Sodium metasilicate 6834-92-0	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

**Appropriate Engineering Controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Splash goggles or safety glasses. Face-shields are recommended when the task can generate splashes, sprays or mists.

- Skin and Body Protection** Rubber or impervious gloves. Rubber boots. Rubber apron or other chemical proof clothing.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Detergent
<b>Appearance</b>	Yellow liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	13.5-14.5		
<b>Melting Point/Freezing Point</b>	Not available		
<b>Boiling Point/Boiling Range</b>	212°F		
<b>Flash Point</b>	Product does not sustain combustion		
<b>Evaporation Rate</b>	1	Water = 1	
<b>Flammability (Solid, Gas)</b>	Not applicable		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	Not determined		
<b>Specific Gravity</b>	1.07		
<b>Water Solubility</b>	Soluble in water		
<b>Solubility in Other Solvents</b>	Not determined		

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong acids. Oxidizers

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation** Harmful by inhalation.

**Eye Contact** May cause severe eye damage.

**Skin Contact** Can be absorbed through the skin. May cause skin burns.

**Ingestion** Harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 2270 mg/kg ( Rat ) = 220 mg/kg ( Rabbit )	= 2.21 mg/L ( Rat ) 4 h = 450 ppm ( Rat ) 4 h
Sodium metasilicate 6834-92-0	= 600 mg/kg ( Rat )	-	-
Sodium xylenesulfonate 1300-72-7	= 7200 mg/kg ( Rat )	-	-
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg ( Rabbit )	-

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Burns, blisters, tissue destruction, drying or defatting of the skin. Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity** No components of this product present at levels greater than or equal to 0.1% is identified a probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA, or NTP.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Butoxyethanol 111-76-2		LC50 Lepomis macrochirus 1490 mg/L 96 h		EC50 Daphnia magna 1698 1940 mg/L 96 h
Sodium metasilicate 6834-92-0		LC50 Brachydanio rerio 210 mg/L 96 h		EC50 Daphnia magna 1700 mg/L 48 h
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Sodium Xylene Sulfonate 5989-27-5		LC50 Pimephales promelas 13500 – 14500 96h		EC50: Daphnia magna 2564 mg/L 48 h

**Persistence and Degradability**

Biodegradable

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

- Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
- DOT** Not Regulated
- IATA** Not Regulated
- IMDG** Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Listed

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

**US Federal Regulations**

**CERCLA Reportable Quantity**

The following components are listed:

Chemical Name	CAS Number	CERCLA RQ
Sodium Hydroxide	1310-73-2	1000 lbs.

**SARA 313**

No ingredients of this product contain chemical (s) that are subject to reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**U.S. State Right-to-Know Regulations**

The following ingredients have been listed:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol 111-76-2	X	X	X
Sodium Metasilicate 10213-79-3	X	X	X
Sodium Hydroxide 1310-73-2	X	X	X
Sodium Xylene Sulfonate 5989-27-5		X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 0	<b>Reactivity</b> 0	<b>Personal Protection</b> B

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**