


Section 1 – Identification

SUPPLIER:	Superior Adhesives & Tools	NOTE: Blank spaces are not permitted. If no relevant information is found for any given subheading within a section, the SDS shall clearly indicate that no applicable information is available.	
ADDRESS:	14000 Carlson Parkway Plymouth, MN 55441	Emergency Telephone Number (CHEMTREC)	(800) 424-9300
TELEPHONE:	888-398-6595	Telephone Number for Information	(888) 398-6595
Product Identifier (as used on Label, SDS and list) Natural Stone Deep Clean (liquid) Other means of identification: none		Recommended use of product: This liquid product is used as an additive for working with tile.	

Section 2 – Hazard Identification

Classification: This product is classified as a health hazard under 29 CFR 1910.1200. Natural Stone Deep Clean contains triethanolamine that is harmful if inhaled or in contact with skin. The specific hazards of this product are listed below.

Acute toxicity – Dermal	Category: 4	Signal Word: WARNING
Acute toxicity – Inhalation	Category: 4	Signal Word: WARNING
Eye irritation	Category: 2B	Signal Word: WARNING

	<p>Hazard Statements: HARMFUL IN CONTACT WITH SKIN; HARMFUL IF INHALED; CAUSES EYE IRRITATION</p> <p>Precautionary Statements:</p> <p>PREVENTION: Wear protective gloves/protective clothing either butyl rubber, nitrile or PVC. Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.</p> <p>RESPONSE: If on skin: Wash with plenty of water. Call a poison center/doctor if you feel unwell. Specific treatment (see First Aid procedures). Take off contaminated clothing and wash it before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.</p> <p>STORAGE: Store locked up, in a well-ventilated place. Keep container tightly closed.</p> <p>DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations.</p>
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Section 3 – Composition/Ingredients (*= trade secret)

Chemical Name	Common Name and synonyms	CAS No.	Percentage
Water	Dihydrogen oxide, H ₂ O	7732-18-5	*
Triethanolamine	Trolamine; Tri(2-hydroxyethyl)amine; Ethanol,2,2',2''-nitrioltris-	102-71-6	*
2-Butoxyethanol	Butyl Cellosolve; Ethylene glycol monobutyl ether	111-76-2	*

Section 4 – First Aid Measures

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a Poison Center or Doctor if you feel unwell.

SKIN CONTACT: If on skin, wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling.

EYE CONTACT: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

INGESTION: Call a poison center/doctor.

MOST IMPORTANT SYMPTOMS/EFFECTS: Acute: Skin and/or eye irritation; may cause respiratory tract irritation

Delayed: No known significant effects

IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT: None

Section 5 – Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Natural Stone Deep Clean does not pose a fire hazard, however normal fires should be extinguished using water mist, CO₂, or Dry Chemical (AB, BC, ABC) extinguishers

SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full-face mask and fire-fighter protective clothing when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Natural Stone deep Clean	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARDS	0

NFPA Rating: Health: 2 Flammability: 0 Reactivity: 0

Section 6 – Accidental Release Measures

PERSONAL PRECAUTIONS: Immediately contact emergency personnel. Keep unnecessary personnel away. Use appropriate protective clothing

PROTECTIVE EQUIPMENT: If eye contact while using this product is anticipated, wear ANSI Z87 approved goggles or safety glasses. Wear chemical resistant gloves (such as nitrile or butyl rubber) and protective clothing to minimize skin contact.

EMERGENCY PROCEDURES: None expected

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Small Spills: Wipe up with absorbent material. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, kitty litter, dry sand or earth and place into containers. Prevent product from entering drains.

Section 7 – Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling

CONDITIONS FOR SAFE STORAGE INCLUDING INCOMPATIBILITIES: Keep containers of Natural Stone Deep Clean tightly closed. Keep containers in a cool, dry, well-ventilated area. Do not exceed a storage temperature of 140°F.

Section 8 – Exposure Controls/Personal Protection

Component	OSHA PEL; TWA	ACGIH TLV	NIOSH REL
Water	Not applicable	Not applicable	Not applicable
Triethanolamine	Not applicable	5 mg/m ³ (skin)	Not applicable
2-Butoxyethanol	50 ppm/240 mg/m ³		

(T) = Total particulate

(R) = Respirable fraction *10/%SiO₂ + 2

PNOR = Particulates not otherwise regulated

Section 8 – Exposure Controls/Personal Protection (cont')

APPROPRIATE ENGINEERING CONTROLS: Ensure eyewash stations and safety showers are close to the workstation location.

PERSONAL PROTECTIVE EQUIPMENT: Use ANSI-approved eye protection and chemical resistant gloves. Sealed goggles are recommended.

RESPIRATORY PROTECTION: Not applicable.

EYE/FACE PROTECTION: Under normal conditions, wear safety goggles that meet the ANSI Z87.1 standard.

HAND PROTECTION: Wear chemical protective gloves. Disposable nitrile or PVC gloves are recommended.

PROTECTIVE CLOTHING: If necessary, wear chemical protective clothing made of nitrile, butyl rubber or PVC.

Section 9 – Physical and Chemical Properties

APPEARANCE: Light amber color

ODOR: Mild (amine)

pH: 10-11

MELTING PT/FREEZING PT: 32°F/0°C (water)

INITIAL BOILING POINT: The lowest known value is 100oC (212oF)

FLASH POINT: >200°F

FLAMMABILITY: N/A

EVAPORATION RATE: N/A

VAPOR DENSITY: 0.62

RELATIVE DENSITY: 1.0

VAPOR PRESSURE: 17.5 mm Hg (water)

%VOLATILE BY VOLUME: None

PARTITION COEFFICIENT: n-OCTANOL/WATER: N/A

VISCOSITY: Low

AUTOIGNITION TEMPERATURE: N/A

SOLUBILITY IN WATER: Insoluble

Section 10 – Stability and Reactivity

REACTIVITY: None

CHEMICAL STABILITY: Product is completely stable in its current form.

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID: None

INCOMPATIBLE MATERIALS: Strong acids, metals, and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon, nitrogen and ammonia.

Section 11 – Toxicological Information

Routes of Entry (only from cut or broken tile): Inhalation: YES Ingestion: YES Eye: YES Skin: YES

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: No known significant effects or critical hazards

IMMEDIATE EFFECTS: Natural Stone Deep Clean should not be eaten.

CHRONIC EFFECTS: No known significant effects or critical hazards.

Cancer: Not classified or listed by The International Agency for Research on Cancer (IARC); The National Toxicology Program (NTP) or OSHA as a carcinogen.

Section 11 – Toxicological Information (Cont')

CARCINOGENICITY:

NTP: None

IARC: None

OSHA: None

LD50/LC50: None

Mutagenicity: None

Neurotoxicity: None

Reproductive Effects: None

Section 12 – Ecological Information (Non-mandatory)

ECOTOXICITY: None known

BIO ACCUMULATIVE POTENTIAL:
None Known

PERSISTENCE AND DEGRADABILITY: None known

MOBILITY IN SOIL: Not determined

OTHER ADVERSE EFFECTS (such as hazardous to the ozone layer): None known

Section 13 – Disposal Considerations (Non-mandatory)

WASTE DISPOSAL OF SUBSTANCE: Do not discharge into waterways or sewer systems without proper authorization.

CONTAINER DISPOSAL: Dispose of in accordance with federal, state and local regulations.

RCRA: None listed

Section 14 – Transport Information (Non-mandatory)

DOT, IATA, IMO/IMDG SHIPPING INFORMATION

UN Identification Number: Not applicable

Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Secondary Risk: Not applicable

Packing Group: Not applicable

Label(s) Required: Not applicable

Environmental Hazards: None

Transport in Bulk: None (per Annex II of MARPOL 73/78 and IBC)

Section 15 – Regulatory Information (Non-mandatory)

U.S. SARA REPORTING REQUIREMENTS: The components of this mixture are not subject to the reporting requirements of Sections 302, 304 and 313 of Title II of the Superfund Amendments and Reauthorization Act.

Chemical Name

SARA 302
(40 CFR 355, Appendix A)

SARA 304
(40 CFR 355, Table 302.4)

SARA 313
(40 CFR 372.65)

None apply

N/A

N/A

N/A

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

U.S. TSCA INVENTORY STATUS: Triethanolamine, CAS# 102-71-6 and 2-Butoxyethanol, CAS# 111-76-2 are listed on the TSCA Inventory.

TSCA SIGNIFICANT NEW USE RULE: None of the chemicals in this mixture have a SNUR under TSCA.

OTHER U.S. FEDERAL REGULATIONS: Not applicable

CLEAN AIR ACT: This material does not contain any hazardous air pollutants This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

CLEAN WATER ACT: None of the chemicals in this mixture are listed as Hazardous Substances under the CWA, Priority Pollutants under the CWA, or Toxic Pollutants under the CWA.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

California No Significant Risk Level: None of the chemicals in this product are listed.

California Inhalation Reference Exposure Level (REL): None established

OTHER STATE SPECIFIC REGULATIONS:

Massachusetts Toxic Use Reduction Act: No components of this mixture are listed.

Pennsylvania Worker and Community Right to Know Act: Triethanolamine is listed.

New Jersey Worker and Community Right to Know Act: Triethanolamine and 2-Butoxyethanol are listed.

Section 16 – Other Information

PREPARED BY: Bryan Cleavenger

DATE PREPARED: July 17, 2015

LAST UPDATED: May 9, 2018

EMAIL ADDRESS: Bryan@Cleavengercompliance.com

TRAINING NECESSARY:

Not required for the material

INTENDED USE OF THIS PRODUCT:

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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