


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) Superior Antibacterial Natural Stone Cleaner Other means of identification: none		Recommended use of the product: Product has intended use of bacteria eliminating from solid surfaces such as tile, grout, glass, or similar materials.	

Section 2 – Hazard Identification

Eye Damage/Irritation	Category: 2A	Signal Word: WARNING
Hazard Statements: Causes serious eye irritation		
	Precautionary Statements:	
	PREVENTION: Wash face and hands thoroughly after handling. Wear eye and face protection.	
	RESPONSE: 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 attention.	
	STORAGE: No specific requirements.	
DISPOSAL: No specific requirements.		

Section 3 – Composition/Ingredients (*= trade secret)

Chemical Name	Common Name and synonyms	CAS No.	Percentage
Alkyl Dimethyl Benzyl Ammonium Chloride	Benzakonium Chloride	68391-01-5	<1
Quaternary ammonium compounds	C12-18-alkyl ([ethylphenyl] methyl) dimethyl	68956-79-6	<1

Section 4 – First Aid Measures

INHALATION: If inhaled, move victim to fresh air. If symptoms result, get medical attention.
SKIN CONTACT: If on skin: wash thoroughly with soap and water. If any symptoms or irritation result from exposure, get medical attention.
EYE CONTACT: If in eyes: rinse with water for several minutes. Remove contacts, continue rinsing. If irritation results from exposure, get medical attention.
INGESTION: If swallowed: rinse mouth, DO NOT induce vomiting. Call a POISON CENTER.

Section 4 – First Aid Measures (continued)

MOST IMPORTANT SYMPTOMS/EFFECTS: Acute: May possibly cause severe irritation to eyes if exposed to large amounts.
DELAYED: Repeated skin exposure can produce slight irritation. Repeated or prolonged contact with spray or mist may produce chronic eye irritation.
IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT: Emergency Medical Services

Section 5 – Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: No specific extinguishing agents are required.

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 known

Superior Antibacterial Natural Stone Cleaner	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARDS	0

NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0

Section 6 – Accidental Release Measures

PERSONAL PRECAUTIONS: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate PPE and protective clothing. Ensure adequate ventilation.

PROTECTIVE EQUIPMENT: If eye contact is expected while using this product, ANSI Z87 approved safety goggles are suggested. If skin exposure is possible, wear chemical resistant gloves and protective clothing.

EMERGENCY PROCEDURES: Prevent spills from entering drains and sewers.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Small spills can be handled with simple absorbent material. Large spills may require diking to prevent flow into drains, waterways, etc. Absorb in vermiculite, cellulose, dry sand, or other similar material and place into containers for proper disposal.

Section 7 – Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Treat residue in used containers the same as you would product. Observe normal good hygiene practices.

CONDITIONS FOR SAFE STORAGE INCLUDING INCOMPATIBILITIES: Keep container closed when not in use. Store in cool, dry area with adequate ventilation. Store away from oxidizers, and strong acids.

Section 8 – Exposure Controls/Personal Protection

Component	CAS	OSHA PEL; TWA	ACGIH TLV	NIOSH REL
Alkyl dimethyl Benzyl Ammonium Chloride	68391-01-5	N/A	N/A	N/A
Quaternary ammonium compounds	68956-79-6	N/A	N/A	N/A

APPROPRIATE ENGINEERING CONTROLS: Use in areas with adequate ventilation. If sprays or mists are expected during use, wear proper PPE. Do not eat, drink, or smoke around product.

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

RESPIRATORY PROTECTION: Not required during normal expected use. If product is dispensed or used in a confined area without ventilation, consider applying a NIOSH approved respirator with appropriate filters/cartridges.

EYE/FACE PROTECTION: Under normal conditions, wear safety goggles that meet the ANSI Z87.1 standard. DO NOT wear contact lenses.

HAND PROTECTION: Chemical resistant gloves are recommended (vinyl, nitrile).

PROTECTIVE CLOTHING: Wear long pants and long-sleeved shirts while working with this material.

Section 9 – Physical and Chemical Properties

APPEARANCE: Clear Liquid	ODOR: Slightly Floral
pH: 10.5 – 11.3	MELTING PT: N/A
BOILING POINT: N/A (will decompose before boiling)	FLASH POINT: >200°F
FLAMMABILITY: N/A	EVAPORATION RATE: N/A
VAPOR DENSITY: N/A	RELATIVE DENSITY: .995-1.015 g/ml
VAPOR PRESSURE: N/A	%VOLATILE BY VOLUME: None
PARTITION COEFFICIENT: n-OCTANOL/WATER: N/A	VISCOSITY: N/A
DECOMPOSITION TEMPERATURE: <150°C	SOLUBILITY IN WATER: Soluble in water

Section 10 – Stability and Reactivity

REACTIVITY: None
CHEMICAL STABILITY: Product is completely stable unless exposed to contaminants.
POSSIBILITY OF HAZARDOUS REACTIONS: Strong oxidizers and acids may result in extreme reaction.
CONDITIONS TO AVOID: None identified.
INCOMPATIBLE MATERIALS: Strong acids, corrosives, oxidizers, and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: If stored and handled properly, none known.

Section 11 – Toxicological Information

Routes of Entry (only from cut or broken tile): Inhalation: NOT EXPECTED Ingestion: YES Eye: YES Skin: YES
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: Skin and/or eye irritation resulting in: rash, redness, swelling, itching, and possibly flushing.
IMMEDIATE AND DELAYED EFFECTS: Eye and skin irritation.
CHRONIC EFFECTS FROM SHORT-TERM AND LONG-TERM EXPOSURE: Repeated exposure may cause dermatitis, gastrointestinal complications, and optical disturbances.
LC50/LD50: Oral LD50 rat: 500 mg/kg-Alkyl dimethyl benzyl ammonium chloride/quaternary ammonium compounds
Carcinogenicity: No known cancer-causing ingredients in this product.

Section 12 – Ecological Information (Non-mandatory)

ECOTOXICITY: Do not allow to enter soil, waterways, or waste water canals.	BIOACCUMULATIVE POTENTIAL: N/A	OTHER ADVERSE EFFECTS (such as hazardous to the ozone layer):None known
PERSISTENCE AND DEGRADABILITY: No information available	MOBILITY IN SOIL: No information available	

Section 13 – Disposal Considerations (Non-mandatory)

WASTE DISPOSAL OF SUBSTANCE: Do not discharge into waterways, drains, or sewer systems.
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: None	DOT Shipping Name: None
Hazard Class: None	IMDG-P.S.N.: None
IATA-P.S.N.: None	IMDG-Class: None

Section 14 – Transport Information (Non-mandatory) (continued)

IATA-CLASS: None	IMDG-Marine Pollutant: None
IATA-Packing Group: None	IMDG-Packing Group: None

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.
SARA 311/312: Immediate and Delayed Health effects; Yes Fire Hazard; No Pressure; No
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: All chemicals in this mixture are listed on the TSCA inventory.
TSCA SIGNIFICANT NEW USE RULE: None of the chemicals in this mixture have a SNUR under TSCA.
CLEAN AIR ACT: This material does not contain any hazardous air pollutants This material does not contain any Class 1 Ozone depletors This material does not contain any Class 2 Ozone depletors
CLEAN WATER ACT: None of the chemicals in this mixture are listed as Hazardous Substances under the CWA None of the chemicals in this mixture are listed as Priority Pollutants under the CWA None of the chemicals in this mixture are listed as Toxic Pollutants under the CWA
OSHA: None of the chemicals in this mixture are considered highly hazardous by OSHA
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None listed.
California No Significant Risk Level: None of the chemicals in this product are listed.
OTHER STATE SPECIFIC REGULATIONS: Massachusetts Toxic Use Reduction Act: None Pennsylvania Worker and Community Right to Know Act: None New Jersey Worker and Community Right to know Act: None

Section 16 – Other Information

PREPARED BY: Bryan Cleavenger DATE PREPARED: June 1, 2016 LAST UPDATED: November 27, 2018	
EMAIL ADDRESS: Bryan@Cleavengercompliance.com	
TRAINING NECESSARY:	Yes. Training under the OSHA HazCom GHS requirements (29 CFR 1910.1200) must be completed upon initial assignment for new employees.
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.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Superior Adhesives & Tools. The data on this sheet is only related to the specific material designated herein. Superior Adhesives & Tools assumes no legal responsibility for use or reliance on this data.