



ENFORCER Products, Inc.
P.O. Box 1060
Cartersville, GA 30120
1-888-805-HELP

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Tile & Terrazzo Cleaner

Product Code HDCQT-128 CNCQT-128

Date of issue 02/26/03 Supersedes 04/08/02

Emergency Telephone Numbers For MSDS Information:
Compliance Services (404) 352-1680

For a Medical Emergency:
CHEM-TEL
(800) 255-3924 (Toll Free - Calls Recorded)

For a Transportation Emergency:
CHEMTREC
(800) 424-9300 (Toll Free - Calls Recorded)

Printing Date:

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
SODIUM METASILICATE; silicic acid (H2-Si-O3) disodium salt; water glass	6834-92-0	<5	OSHA (United States). : 2 mg/m ³ Form: Dust Not available.
DIETHYLENE GLYCOL MONOMETHYL ETHER; 2-(2-meth-oxy)-ethanol; methyl carbitol	111-77-3	5-15	
Ethylene Glycol Monophenyl Ether; 2-phenoxy ethanol	122-99-6	<5	ACGIH TLV (United States). : 19 mg/m ³ Not available.
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE; ethylenediamine tetraacetic acid; tetrasodium salt	64-02-8	1-10	
MONOETHANOLAMINE; 2-aminoethanol; MEA	141-43-5	<5	OSHA PEL (United States). TWA: 3 ppm ACGIH TLV (United States). STEL: 6 ppm Not available.
SODIUM DODECYLBENZENE SULFONATE; linear alkyl aryl sodium sulfonate; Sodium DDBSA	25155-30-0	1-10	

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Absorbed through skin. Eye contact. Ingestion.

Skin Slightly hazardous in case of skin contact (permeator). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Eyes Hazardous in case of eye contact. Eye exposure may cause severe eye irritation or injury.

Inhalation Overexposure by inhalation may cause respiratory irritation.

Ingestion Harmful if swallowed.

HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

Carcinogenic Effects Ingredients: None are listed as carcinogens by OSHA, NTP or IARC.

Chronic Effects The substance may be toxic to blood, kidneys, liver, testes, thyroid. Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If irritation persists, seek medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.

Flammability Not applicable.

Fire Hazard Not applicable.

Fire-Fighting Procedures Fire fighters should wear proper protective equipment.



Section 6. Accidental Release Measures

Spill Clean up Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Do not ingest. Do not get in eyes. Keep container closed. Wash thoroughly after handling.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F and 120°F.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Safety glasses.

Body Protective gloves should be worn under conditions of prolonged use.



Respiratory A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State Liquid.

pH 11.8 - 12.2

Boiling Point 104.4°C (220°F)

Specific Gravity 1.06 (Water = 1)

Solubility Easily soluble in cold water, hot water.

Color Reddish

Odor Mild.

Vapor Pressure Not available.

Vapor Density Not available.

Evaporation Rate Not determined.

VOC (Consumer) 127 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive to reactive with acids.

Non-reactive with reducing agents, combustible materials, organic materials, metals, moisture.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Not applicable.

Section 11. Toxicological Information**Toxicity to Animals****Sodium Metasilicate:**

ORAL (LD50): Acute: 1280 mg/kg [Rat].

Diethylene Glycol Monomethyl Ether:

DERMAL (LD50): Acute: 650 mg/kg [Rabbit].

Ethylene Glycol Monophenyl Ether:

ORAL (LD50): Acute: 1400 mg/kg [Rat].

DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

Tetrasodium Ethylenediamine Tetraacetate :

ORAL (LD50): Acute: 3030 mg/kg [Rat.].

Monoethanolamine:

ORAL (LD50): Acute: 2100 mg/kg [Rat.].

DERMAL (LD50): Acute: 1000 mg/kg [Rabbit.].

Sodium Dodecylbenzene Sulfonate:

ORAL (LD50): Acute: 1260 mg/kg [Rat]. 2000 mg/kg [Mouse].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Non RCRA waste.

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Not applicable.

DOT Classification Not a DOT controlled material (United States).

UN number Not regulated.

TDG Classification Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting: Diethylene glycol monomethyl ether 10%; Glycol Ether EPH 4.95%

Clean Water Act (CWA) 311: Special Sodium DDBSA

Clean air act (CAA) 112 regulated toxic substances: Diethylene glycol monomethyl ether

State Regulations California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Diethylene glycol monomethyl ether

WHMIS (Canada) Class D-2B: Material causing other toxic effects (TOXIC).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.