



DuPont™ StoneTech® Professional Stone & Tile Cleaner Concentrate

Version 2.0

Revision Date 03/29/2010

Ref. 130000031686

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ StoneTech® Professional Stone & Tile Cleaner Concentrate
MSDS Number : 130000031686
Manufacturer : DuPont
1007 Market Street
Wilmington, DE 19898
Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Skin : Causes skin irritation.
Eyes : Corrosive, may cause permanent eye injury if not promptly treated.

Inhalation

Alcohol Ethoxylate : May cause respiratory tract irritation. Cough, Discomfort.

Ingestion

Alcohol Ethoxylate : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Ethoxylated Quaternary Amine : Aspiration hazard if swallowed - can enter lungs and cause damage.

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Component	CAS-No.	Concentration
Water	7732-18-5	>85%
Alcohol Ethoxylate		5 - 10 %
Ethoxylated Quaternary Amine		1 - 5 %

SECTION 4. FIRST AID MEASURES

- Skin contact : Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice.
- Inhalation : Move to fresh air.
- Ingestion : Call a physician or poison control centre immediately. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- General advice : When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5. FIRE-FIGHTING MEASURES

- Flammable Properties
- Flash point : does not flash
- Thermal decomposition : > 200 °C (> 392 °F)
To avoid thermal decomposition, do not overheat.
Thermal decomposition can lead to release of irritating gases and vapours.
- Fire and Explosion Hazard : The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products Carbon dioxide (CO₂) Carbon monoxide Other hazardous decomposition products may be formed.
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.



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Firefighting Instructions : Wear self contained breathing apparatus for fire fighting if necessary. Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel) : Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.

Spill Cleanup : Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

Accidental Release Measures : Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.

SECTION 7. HANDLING AND STORAGE

Handling (Personnel) : Avoid breathing vapours or mist. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.

Handling (Physical Aspects) : To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapours. Do not spray near open flame or heated surface.

Storage : Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use only in area provided with appropriate exhaust ventilation.

Personal protective equipment
Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection : Additional protection: Impervious gloves

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Eye protection : Wear safety glasses or coverall chemical splash goggles.
Skin and body protection : Lightweight protective clothing

Exposure Guidelines
Exposure Limit Values
None established.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Color : colourless, light amber
Odor : slight
pH : 6 - 7
Specific Gravity : 0.99 - 1

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.

Conditions to avoid : To avoid thermal decomposition, do not overheat.

Hazardous decomposition products : , Carbon dioxide , Carbon monoxide
Incompletely burned carbon products
Other hazardous decomposition products may be formed.

SECTION 11. TOXICOLOGICAL INFORMATION

Alcohol Ethoxylate
Dermal LD50 : 5,000 mg/kg , rat

Oral LD50 : 1,400 mg/kg , rat

Skin irritation : Severe skin irritation, rabbit

Eye irritation : Corrosive, animals (unspecified species)

Skin sensitization : Did not cause sensitization on laboratory animals., animals
(unspecified species)

Repeated dose toxicity : Dermal
rat
Skin effects, Thickening of skin



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Mutagenicity	:	Did not cause genetic damage in cultured bacterial cells.
Reproductive toxicity	:	Evidence suggests the substance is not a reproductive toxin in animals.
Ethoxylated Quaternary Amine Oral LD50	:	580 mg/kg , rat
Skin irritation	:	Skin irritation, rabbit
Eye irritation	:	Eye irritation, animals (unspecified species)
Mutagenicity	:	Did not cause genetic damage in cultured bacterial cells.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Alcohol Ethoxylate

96.0 h LC50 : Pimephales promelas (fathead minnow) 6.0 - 12.0 mg/l

EC50 : Algae 0.05 - 50.0 mg/l

48.0 h EC50 : Daphnia magna (Water flea) 2.9 - 8.5 mg/l

Ethoxylated Quaternary Amine

96 h LC50 : Fish (unspecified species) 11.82 mg/l

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA Status : On the inventory, or in compliance with the inventory

SARA 313 Regulated : SARA 313: This material does not contain any chemical components with

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Chemical(s) known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 : Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

SECTION 16. OTHER INFORMATION

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Contact person : MSDS Coordinator, DuPont Chemicals and Fluoroproducts, Wilmington, DE 19898, (800) 441-7515

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