



DuPont™ Sanitizer for Sealed Natural Stone

Version 2.1

Revision Date 05/23/2011

Ref. 130000102605

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™ Sanitizer for Sealed Natural Stone
 MSDS Number : 130000102605
 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
 Eyes : May cause eye irritation. May cause:, Tearing, redness, or discomfort..
 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

Component	CAS-No.	Concentration
Water	7732-18-5	>99%
C12-18-Alkylbenzyltrimethylammonium Chloride	68391-01-5	0.01 %



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C12-14-Alkyl(ethylbenzyl)dimethylammonium chloride	85409-23-0	0.01 %
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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. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately.
- 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 : > 93.9 °C (201.0 °F)
Method : Pensky-Martens closed cup - PMCC
- Fire and Explosion Hazard : The product itself does not burn.
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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.



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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 contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.

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

Hand protection : Additional protection: Impervious gloves

Eye protection : Wear safety glasses or coverall chemical splash goggles.

Skin and body protection : Lightweight protective clothing



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Exposure Guidelines
Exposure Limit Values

None established.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Color : clear
pH : 6.98
Specific gravity : 1.007

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.
Conditions to avoid : None reasonably foreseeable.
Incompatibility : Strong oxidizing agents alkalies

SECTION 11. TOXICOLOGICAL INFORMATION

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Inhalation 4 h LC50 : > 2.64 mg/l , rat
Dermal LD50 : > 5,000 mg/kg , rabbit
Oral LD50 : > 5,000 mg/kg , rat
Skin irritation : No skin irritation, rabbit
Eye irritation : slight irritation, rabbit
Sensitisation : Did not cause sensitization on laboratory animals., animals (unspecified species)



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C12-18-Alkylbenzyltrimethylammonium Chloride

Repeated dose toxicity : Oral - feed
rat
Reduced body weight gain, Information given is based on data obtained from similar substances.

Dermal
rat
Information given is based on data obtained from similar substances.

Carcinogenicity : Animal testing did not show any carcinogenic effects.

Mutagenicity : Animal testing did not show any mutagenic effects.
Did not cause genetic damage in cultured bacterial cells.

Reproductive toxicity : Animal testing showed no reproductive toxicity.

Teratogenicity : Animal testing showed no developmental toxicity.

Further information : Information given is based on data obtained from similar substances.

C12-14-Alkyl(ethylbenzyl)dimethylammonium chloride

Carcinogenicity : Animal testing did not show any carcinogenic effects.

Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Reproductive toxicity : Animal testing showed no reproductive toxicity.

Teratogenicity : Animal testing showed no developmental toxicity.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

C12-18-Alkylbenzyltrimethylammonium Chloride

96 h LC50 : Pimephales promelas (fathead minnow) 0.28 mg/l
Information given is based on data obtained from similar substances.

48 h EC50 : Daphnia magna (Water flea) 0.0059 mg/l
Information given is based on data obtained from similar substances.

34 d : NOEC Pimephales promelas (fathead minnow) 0.032 mg/l



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Information given is based on data obtained from similar substances.

C12-14-Alkyl(ethylbenzyl)dimethylammonium chloride

96 h LC50 : Oncorhynchus mykiss (rainbow trout) 0.28 mg/l

48 h EC50 : Daphnia magna (Water flea) 0.0059 mg/l

21 d : NOEC Daphnia magna (Water flea) 0.00415 mg/l

Environmental Fate

C12-18-Alkylbenzyl dimethylammonium Chloride

Biodegradability : 60 %

Readily biodegradable.

Information given is based on data obtained from similar substances.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : Do not contaminate water, food or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

Container Disposal : Triple rinse (or equivalent) the container.
If empty: Place in trash or offer for recycling
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.



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SECTION 15. REGULATORY INFORMATION

- SARA 313 Regulated Chemical(s) : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
- EPA Reg. No. : 1839-189-71654
In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.
- 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

	NFPA	HMIS
Health :	1	1
Flammability :	1	1
Reactivity/Physical hazard :	0	0
PPE :		Personal Protection rating to be supplied by user depending on use conditions.

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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at 7 / 8



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Significant change from previous version is denoted with a double bar.