

**DuPont™ Stone & Tile Floor Cleaner**

Version 2.1

Revision Date 03/16/2012

Ref. 130000033978

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™ Stone & Tile Floor Cleaner  
MSDS Number : 130000033978

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

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

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

## 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.

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No.	Concentration
Water	7732-18-5	>85%
Alcohol Ethoxylate		1 - 5 %
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. 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. FIREFIGHTING MEASURES**

- Flammable Properties
- Flash point : does not flash

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- 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 (CO<sub>2</sub>) 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.
- 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.



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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

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.

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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

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.

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**SECTION 12. ECOLOGICAL INFORMATION**

Aquatic Toxicity	
Alcohol Ethoxylate	
96 h LC50	: Pimephales promelas (fathead minnow) 6.0 - 12.0 mg/l
48 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	: On the inventory, or in compliance with the inventory
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.
California Prop. 65	: Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known



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**SECTION 16. OTHER INFORMATION**

DuPont™ is a trademark of E. I. du Pont de Nemours and Company.

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

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