

**STONECLEAN****Safety data sheet according to U.S.A. Federal Hazcom 2012****1. Identification****1.1. Product identifier**

Product name **STONECLEAN**
Chemical name and synonym

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **PROFESSIONAL NATURAL STONE CLEANER**

1.3. Details of the supplier of the safety data sheet

Name. Fila Chemicals USA
Full address. Full address 10800 NW 21st St Ste # 170
District and Country. District and Country Miami, FL 33172
Tel. (305) 513-0708
Fax. (305) 513-0728
Fila Chemicals USA

e-mail address of the competent person.
responsible for the Safety Data Sheet.

sds@filasolutions.com

1.4. Emergency telephone number.

For urgent inquiries refer to. **800-424-9300 CHEMTREC**

2. Hazards identification**2.1. Classification of the substance or mixture**

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet.
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Classification and Hazard Statement

Hazard pictograms:

Serious eye damage, category 1

Causes serious eye damage.



Signal words: **Danger**



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Hazard statements:

H318 Causes serious eye damage.

Precautionary statements:

Prevention:

P280 Wear eye protection / face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER / doctor / . . .

Storage:

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Disposal:

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2.2. Other hazards

Contains:

1,2-benzisothiazol-3(2H)-one

May produce an allergic reaction.

3. Composition/information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification:	Trade secret:
PROPYLENE GLYCOL MONO METHYL ETHER CAS 107-98-2 EC 203-539-1 INDEX 603-064-00-3	2.5 ≤ x < 3	Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336	§
Alcohols, C12-15, ethoxylated CAS 68131-39-5 EC INDEX -	2.5 ≤ x < 3	Acute toxicity, category 4 H302, Serious eye damage, category 1 H318, Hazardous to the aquatic environment, acute toxicity, category 1 H400 M=1	§
Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts			

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CAS 68439-57-6 $2 \leq x < 2.5$ Serious eye damage, category 1 H318, Skin irritation, category 2 H315 §

EC 270-407-8

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**DIPROPYLENE GLYCOL
MONOMETHYL ETHER**

CAS 34590-94-8 $1 \leq x < 1.5$ Flammable liquid, category 4 H227, Eye irritation, category 2A H319 §

EC 252-104-2

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Note: Upper limit is not included into the range.

§ The exact percentage (concentration) of composition has been withheld as a trade secret.

The full wording of the hazard (H) phrases is given in section 16 of the sheet.

4. First-aid measures**4.1. Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

5. Fire-fighting measures**5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Do not breathe combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

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Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

8. Exposure controls/personal protection

8.1. Control parameters



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Regulatory References:

USA	NIOSH-REL	NIOSH publication No. 2005-149, 3th printing, 2007.
USA	OSHA-PEL	Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1-1910.1000.
USA	CAL/OSHA-PEL	California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs).
EU	OEL EU	Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2018

PROPYLENE GLYCOL MONO METHYL ETHER

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-	184	50	368	100	
OEL	EU	375	100	568	150	SKIN
CAL/OSHA	USA	360	100	540	150	SKIN
NIOSH	USA	360	100	540	150	

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-	606	100	909	150	SKIN
OEL	EU	308	50			SKIN
OSHA	USA	600	100			SKIN
CAL/OSHA	USA	600	100	900	150	SKIN
NIOSH	USA	600	100	900	150	SKIN

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

TLV of solvent mixture: 184 mg/m3

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations.

HAND PROTECTION

Protect hands with category III work gloves (OSHA 29 CFR 1910.138).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

Recommended material: Nitrile, minimum 0.38 mm thickness or equivalent protective barrier material with a high level performance for continuous contact conditions, with a minimum permeability time of 480 minutes in accordance with the CEN EN 420 and EN standards 374.

SKIN PROTECTION

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Wear category I professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84, OSHA 29 CFR 1910.134.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	liquid
Colour	yellow
Odour	Lemon fragrance
Odour threshold	Not available
pH	10.1
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	> 199.4°F(> 93 °C)
Evaporation Rate	Not available
Flammability of solids and gases	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1.005
Solubility	Readily soluble
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	not applicable



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Oxidising properties not applicable

9.2. Other information

VOC: 4%

10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

PROPYLENE GLYCOL MONO METHYL ETHER

Dissolves various plastic materials. Stable in normal conditions of use and storage.

DIPROPYLENE GLYCOL MONOMETHYL ETHER

May react with: oxidising substances. When heated to decomposition releases: harsh fumes, zinc alloys.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

PROPYLENE GLYCOL MONO METHYL ETHER

May react dangerously with: strong oxidising agents, strong acids.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

PROPYLENE GLYCOL MONO METHYL ETHER

Avoid exposure to: air.

10.5. Incompatible materials

PROPYLENE GLYCOL MONO METHYL ETHER

Incompatible with: oxidising substances, strong acids, alkaline metals.



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10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts

LD50 (Oral) 2079 mg/kg rat male/female

LD50 (Dermal) > 13500 mg/kg rabbit

LC50 (Inhalation) > 52 mg/l 4h

Alcohols, C12-15, ethoxylated

LD50 (Oral) 1700 mg/kg rat male/female

LD50 (Dermal) > 2000 mg/kg rat male/female

PROPYLENE GLYCOL MONO METHYL ETHER



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LD50 (Oral) 5300 mg/kg Rat

LD50 (Dermal) 13000 mg/kg Rabbit

LC50 (Inhalation) 54.6 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

RESPIRATORY OR SKIN SENSITISATION

Contains: 1,2-benzisothiazol-3(2H)-one

May produce an allergic reaction.

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

12. Ecological information

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.



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12.1. Toxicity

Alcohols, C12-15, ethoxylated
EC10 for Algae / Aquatic Plants 0.092 mg/l/72h algae 72 h

12.2. Persistence and degradability

DIPROPYLENE GLYCOL MONOMETHYL
ETHER
Solubility in water 1000 - 10000 mg/l
Rapidly degradable

PROPYLENE GLYCOL MONO METHYL
ETHER
Solubility in water 1000 - 10000 mg/l
Rapidly degradable

12.3. Bioaccumulative potential

DIPROPYLENE GLYCOL MONOMETHYL
ETHER
Partition coefficient: n-octanol/water 0.0043

PROPYLENE GLYCOL MONO METHYL
ETHER
Partition coefficient: n-octanol/water < 1

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.



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14. Transport information

Product is NOT regulated under DOT/TDG and other transportation regulations.

Rail and Truck Shipments

DOT Shipping Name: Not regulated
DOT ID Number None
DOT Hazard Class & Packing Group None
DOT Shipping Label None

TDG Shipping Name: Not regulated
TDG ID Number None
TDG DOT Hazard Class & Packing Group None
TDG Shipping Label None

Water Shipments

IMO Shipping Name: Not regulated
IMO ID Number None
IMO DOT Hazard Class & Packing Group None
IMO Shipping Label None
IMO EMS None

Air Shipments

IATA Shipping Name: Not regulated
IATA ID Number None
IATA DOT Hazard Class & Packing Group None
1 None
IATA Packing Instructions None

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Federal Regulations

Clean Air Act Section 112(b):

107-98-2	PROPYLENE GLYCOL MONO METHYL ETHER (Glycol ethers)
34590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER (Glycol ethers)

Clean Air Act Section 602 Class I Substances:

No component(s) listed.

Clean Air Act Section 602 Class II Substances:

No component(s) listed.



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Clean Water Act –
Priority Pollutants:

No component(s) listed.

Clean Water Act –
Toxic Pollutants:

No component(s) listed.

DEA List I Chemicals (Precursor Chemicals):

No component(s) listed.

DEA List II Chemicals (Essential Chemicals):

No component(s) listed.

EPA List of Lists:

313 Category Code:

107-98-2

PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)

34590-94-8

DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

EPCRA 302 EHS TPQ:

No component(s) listed.

EPCRA 304 EHS RQ:

No component(s) listed.

CERCLA RQ:

No component(s) listed.

EPCRA 313 TRI:

107-98-2

PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)

34590-94-8

DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

RCRA Code:

No component(s) listed.

CAA 112 (r) RMP TQ:

No component(s) listed.



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State Regulations

Massachussets:

107-98-2 PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)
34590-94-8 DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

Minnesota:

107-98-2 PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)
34590-94-8 DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

New Jersey:

107-98-2 PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)
34590-94-8 DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

New York:

No component(s) listed.

Pennsylvania:

107-98-2 PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)
34590-94-8 DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

California:

107-98-2 PROPYLENE GLYCOL MONO
METHYL ETHER (Glycol
ethers)
34590-94-8 DIPROPYLENE GLYCOL
MONOMETHYL ETHER (Glycol
ethers)

Proposition 65:

International Regulations

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

**STONECLEAN**Substances subject to the Stockholm Convention:

None

Canadian WHMIS

Information not available

16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAA 112 © RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112©)
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)
- CLP: EC Regulation 1272/2008
- DEA: Drug Enforcement Administration
- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency
- EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
- EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PEL: Predicted exposure level
- RCRA Code: Resource Conservation and Recovery Act Code
- REL: Recommended exposure limit
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TSCA: Toxic Substances Control Act
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- WHMIS: Workplace Hazardous Materials Information System.



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