

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)  
Issue date: 1/18/2022 Revision date: 4/1/2026 Supersedes: 1/8/2022

### SECTION 1 Identification

#### 1.1. Product identifier

Trade name : ChimneySaver/ Masonry Saver Solvent-Base Water Repellent

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Water repellent for exterior brick  
Restrictions on use : None known

#### 1.4. Supplier's details

##### Manufacturer

SaverSystems, Inc.  
800 S. 7th Street  
Richmond, IN 47374  
U.S.A  
T (765) 966-5084 - F (765) 935-4999

#### 1.5. Emergency phone number

Emergency number : Chemtel: 1 (800) 255-3924 (available 24/7)

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Flammable liquid, Category 4	H227	Combustible liquid.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child.

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H227 - Combustible liquid  
H317 - May cause an allergic skin reaction  
H351 - Suspected of causing cancer.  
H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

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smoking.

P261 - Avoid breathing mist, vapors.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P280 - Wear eye protection, protective gloves, protective clothing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P302+P352 - If on skin: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P370+P378 - In case of fire: Use foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>) to extinguish.

P403 - Store in a well-ventilated place.

P405 - Store locked up.

P501 - Dispose of to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### Mixtures

Name	Product identifier	Conc. (% w/w)
1-Chloro-4-trifluoromethylbenzene	CAS-No.: 98-56-6	≥ 80
Triethoxycaprylylsilane	CAS-No.: 2943-75-1	1 – 5

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Aspiration hazard. Do not induce vomiting. Call a physician immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs.

### 4.2. Most important symptoms/effects, acute and delayed

Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness.
Skin	: May cause moderate irritation. May cause an allergic skin reaction.
Eyes	: Direct contact with the eyes is likely to be irritating.

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Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Chronic symptoms : Suspected of causing cancer. Suspected of damaging fertility or the unborn child.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Not required.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use dry chemical, CO<sub>2</sub>, water spray or regular foam.  
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid. Spraying a solid stream of water or foam directly onto hot, burning liquid can cause frothing.  
Hazardous decomposition products in case of fire : Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbon. Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Emergency procedures : Remove all sources of ignition. Avoid contact with skin and eyes. Wear suitable protective clothing. Avoid breathing mist, vapors. Ventilate spillage area. Do not touch or walk on the spilled product.

#### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment : Contain large spillage with sand or earth.  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Notify authorities if product enters sewers or public waters.  
Other information : Collect all waste in suitable and labeled containers and dispose according to local legislation.

For further information refer to section 13.

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### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing mist, vapors. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Store in dry, cool, well-ventilated area. Store in original container. Keep away from heat and direct sunlight. Do not freeze. Keep container closed when not in use.
Incompatible products	: Strong oxidizers. Strong acids. Strong bases.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.
Environmental exposure controls	: Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment

<b>Hand protection:</b>
Wear impervious gloves. Consult supplier for specific recommendations.
<b>Eye protection:</b>
Wear safety goggles or other eye protection to prevent eye contact.
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Odor	: Hydrocarbons
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 167.78 °C
Flash point	: 61 °C

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Relative evaporation rate (butyl acetate=1)	: 0.08
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 130 mm Hg (68°F)
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 0.8 g/cm <sup>3</sup> (6.72 lb/gal)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: 226.66 °C
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Keep away from oxidizers, strong acids and strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### 1-Chloro-4-trifluoromethylbenzene (98-56-6)

LD50 oral rat	5546 mg/kg
LD50 dermal rabbit	> 3300 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 32.03 mg/l/4h

#### Triethoxycaprylylsilane (2943-75-1)

LD50 oral rat	≥ 5110 mg/kg
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Triethoxycaprylylsilane (2943-75-1)	
LD50 dermal rabbit	6730 mg/kg
LC50 Inhalation - Rat (Vapors)	> 0.25 mg/l/4h (No mortality)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.

1-Chloro-4-trifluoromethylbenzene (98-56-6)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

1-Chloro-4-trifluoromethylbenzene (98-56-6)	
LOAEL (oral,rat,90 days)	150 mg/kg body weight

Triethoxycaprylylsilane (2943-75-1)	
NOAEL (oral,rat,90 days)	≈ 250 mg/kg body weight

Aspiration hazard	: Not classified.
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness.
Skin	: May cause moderate irritation. May cause an allergic skin reaction.
Eyes	: Direct contact with the eyes is likely to be irritating.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of causing cancer. Suspected of damaging fertility or the unborn child.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

1-Chloro-4-trifluoromethylbenzene (98-56-6)	
LC50 - Fish [1]	3 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	2 mg/l Daphnia magna (Water flea)

Triethoxycaprylylsilane (2943-75-1)	
NOEC (chronic)	0.199 mg/l Daphnia magna (Water flea)

### 12.2. Persistence and degradability

ChimneySaver/ Masonry Saver Solvent-Base Water Repellent	
Persistence and degradability	Rapidly degradable

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1-Chloro-4-trifluoromethylbenzene (98-56-6)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	19.2 % 28 days

Triethoxycaprylylsilane (2943-75-1)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	31.5 % 28 days

### 12.3. Bioaccumulative potential

1-Chloro-4-trifluoromethylbenzene (98-56-6)	
Partition coefficient n-octanol/water (Log Pow)	3.7

Triethoxycaprylylsilane (2943-75-1)	
BCF - Fish [1]	1890
Partition coefficient n-octanol/water (Log Pow)	6.41

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified  
Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14 Transport information



In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
<b>14.1. UN number</b>		
NA1993	3082	3082
<b>14.2. Proper Shipping Name</b>		
Combustible liquid, n.o.s. (Distillates (petroleum), hydrotreated light ; Triethoxycaprylylsilane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	Environmentally hazardous substance, liquid, n.o.s. (Distillates (petroleum), hydrotreated light)
<b>Transport document description</b>		
NA1993 Combustible liquid, n.o.s. (Distillates (petroleum), hydrotreated light ; Triethoxycaprylylsilane), Comb Liq, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light), 9, III	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Distillates (petroleum), hydrotreated light), 9, III
<b>14.3. Transport hazard class(es)</b>		
Combustible liquid	9	9

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DOT	IMDG	IATA
Not applicable		
<b>14.4. Packing group</b>		
III	III	III
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

UN-No. (DOT) : NA1993

#### IMDG

No data available

#### IATA

No data available

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

1-Chloro-4-trifluoromethylbenzene	CAS-No. 98-56-6	≥ 80%
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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

##### 1-Chloro-4-trifluoromethylbenzene (98-56-6)

Listed on the Canadian DSL (Domestic Substances List)

##### Triethoxycaprylylsilane (2943-75-1)

Listed on the Canadian DSL (Domestic Substances List)

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### EU-Regulations

No additional information available

### National regulations

#### 1-Chloro-4-trifluoromethylbenzene (98-56-6)

Listed on IARC (International Agency for Research on Cancer)

### 15.3. State regulations



#### WARNING:

This product can expose you to p-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene (para-Chlorobenzotrifluoride, PCBTF), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

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Issue date : 1/18/2022

#### Full text of hazard classes and H-statements

H227	Combustible liquid
H317	May cause an allergic skin reaction
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.