

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : ChimneySaver VOC Compliant Solvent-Base Water Repellent

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

Use of the substance/mixture : Water Repellent for Exterior Brick

**1.3. Details of the supplier of the safety data sheet**

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

**1.4. Emergency telephone number**

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

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GHS-US classification**

Flam. Liq. 3 H226  
Skin Irrit. 2 H315  
Eye Irrit. 2A H319  
STOT SE 3 H335  
Asp. Tox. 1 H304

**2.2. Label elements****GHS-US labelling**

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin/eye/respiratory irritation

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
P240 - Ground/bond container and receiving equipment  
P241+242 - Use explosion-proof, non-sparking electrical, lighting, ventilating equipment  
P243 - Take precautionary measures against static discharge  
P261 - Avoid breathing dust, mist, spray, vapours  
P264 - Wash hands thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective clothing, protective gloves, eye protection  
P301+P310 - IF SWALLOWED: Do NOT induce vomiting, immediately call a POISON CENTER or doctor/physician  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P332+P313 - If skin/eye irritation occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse  
P370+P378 - In case of fire: Use dry chemical, foam, carbon dioxide for extinction  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed and cool  
P405 - Store away from children  
P501 - Dispose of contents/container to comply with applicable local, national and international

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

regulation.

### 2.3. Other hazards

Other hazards which do not result in classification : Contains Petroleum Distillates. Harmful if swallowed - Can enter lungs and cause damage. If swallowed, DO NOT induce vomiting. Call a physician immediately.

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

Full text of H-phrases: see section 16

### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8	50 - 60	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Benzene, 1-chloro-4-(trifluoromethyl)-	(CAS No) 98-56-6	40 - 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Silane, triethoxyoctyl-	(CAS No) 2943-75-1	2 - 5	Skin Irrit. 2, H315

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation. Blurred vision. Redness.

Symptoms/injuries after ingestion : Abdominal pain, nausea. Diarrhea. If swallowed, may be aspirated and cause lung damage.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

### 5.3. Advice for firefighters

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.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection. Wear approved self-contained breathing apparatus (set on positive pressure mode).

Other information : Contains petroleum distillates. Contains combustible liquid and vapor. The vapour is heavier than air, spreads along the ground and distant ignition is possible.

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### SECTION 6: Accidental release measures

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

General measures : Use only outdoors. Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

##### 6.1.1. For non-emergency personnel

Protective equipment : Avoid all eye and skin contact and do not breathe vapour and mist. For further information refer to section 8 : Exposure-controls/personal protection.

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Ensure adequate ventilation. Dispose of contents/container to comply with applicable local, national and international regulations. Avoid formation of dust. Dust may form flammable and explosive mixture with air. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Do not absorb in sawdust, paper, cloth or other combustible absorbents. Transfer to hood and allow sufficient time for volatile portion to evaporate completely. Dispose of remaining material according to applicable regulations.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Keep out of reach of children. Use only outdoors. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust, mist or spray. No naked lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from sources of ignition - No smoking.

Hygiene measures : Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing prior to re-use. Wash hands thoroughly after handling.

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

Technical measures : Use only outdoors. Keep away from sources of ignition - No smoking. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. A washing facility/water for eye and skin cleaning purposes should be present.

Storage conditions : Keep out of reach of children. Keep only in the original container in a cool well ventilated place. Store away from freezing (avoid freezing during storage). Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep container tightly closed. Protect from sunlight. Store in a well-ventilated place.

Incompatible materials : Oxidizing agents.

Storage temperature : Do NOT Store at temperatures above 37 °C (100 °F)

Heat and ignition sources : Remove all sources of ignition.

Storage area : Ensure adequate ventilation of the storage area. Keep away from heat and direct sunlight. Keep away from sources of ignition. Keep only in the original container in a cool, well-ventilated place.

Special rules on packaging : Correctly labelled.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### 8.2. Exposure controls

- Appropriate engineering controls : Use only outdoors. Use with adequate ventilation to keep product vapor concentrations below specified Threshold Limit Value (TLV). Avoid generation of dust. Ensure adequate ventilation.
- Personal protective equipment : Gloves. Protective clothing. Protective goggles. Avoid all unnecessary exposure. The following pictograms represent the minimum requirements for personal protective equipment.



- Hand protection : Wear protective gloves. Nitrile-rubber protective gloves. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Eye protection : Wear chemical splash goggle.
- Skin and body protection : Wear suitable protective clothing. Boots.
- Respiratory protection : Protection factors vary depending upon the type of respirator used. Wear appropriate mask.
- Environmental exposure controls : Avoid discharge to the environment.
- Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Clear
- Color : Colorless
- Odor : Chlorinated solvents odor
- Odor threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : 0.188
- Melting point : No data available
- Freezing point : No data available
- Boiling point : 148 °C (298.4 ° F ) (IBP, 50% dry point)
- Flash point : 46.11 °C (115 ° F )
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : 1.5 mm Hg (68 ° F )
- Relative vapour density at 20 °C : 5.7
- Relative density : No data available
- Density : 0.961 g/cm<sup>3</sup> (8.02 lb/gal)
- Solubility : Water: Negligible.
- Log Pow : No data available
- Log Kow : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- Explosive properties : No data available
- Oxidising properties : No data available
- Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Extremely high or low temperatures. Direct sunlight. Open flame. Overheating. Heat. Sparks.

### 10.5. Incompatible materials

Oxidizing agents. Reacts with (strong) oxidizers: (increased) risk of fire/explosion.

### 10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, SiO<sub>2</sub>. Hydrogen chloride (HCl). Fume. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h

Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)	
LD50 oral rat	13 g/kg
LD50 dermal rabbit	> 2 ml/kg
LC50 inhalation rat (mg/l)	33 mg/l/4h
ATE (oral)	13000.000 mg/kg bodyweight
ATE (vapours)	33.000 mg/l/4h
ATE (dust, mist)	33.000 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.  
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.  
Symptoms/injuries after inhalation : May cause respiratory irritation.  
Symptoms/injuries after skin contact : Causes skin irritation.  
Symptoms/injuries after eye contact : Causes serious eye irritation. Blurred vision. Redness.  
Symptoms/injuries after ingestion : Abdominal pain, nausea. Diarrhea. If swallowed, may be aspirated and cause lung damage.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : This material will float on water. In case of large spills the product may be hazardous to aquatic organisms due to possible formation of a film on the surface water which can diminish dissolved oxygen levels.

Petroleum distillates, hydrotreated light (64742-47-8)	
LC50 fishes 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	4720 mg/l (Exposure time: 96 h - Species: Den-dronereides heteropoda)
LC50 fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

<b>Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)</b>	
EC50 Daphnia 1	3.68 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### 12.2. Persistence and degradability

<b>ChimneySaver VOC Compliant Solvent-Base Water Repellent</b>	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

<b>ChimneySaver VOC Compliant Solvent-Base Water Repellent</b>	
Bioaccumulative potential	Not established.

<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>	
BCF fish 1	61 - 159

<b>Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)</b>	
Log Pow	3.7 (at 25 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Handle empty containers with care because residual vapours are flammable.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT  
Transport document description : UN1993 Flammable liquids, n.o.s. (Petroleum Distillates, Chlorobenzotrifluorides), 3, III  
UN-No.(DOT) : 1993  
DOT NA no. : UN1993  
DOT Proper Shipping Name : Flammable liquids, n.o.s.  
Petroleum Distillates, Chlorobenzotrifluorides  
Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : III - Minor Danger

### Additional information

Other information : No supplementary information available.

### ADR

Transport document description : UN 1993 Petroleum Distillates, Chlorobenzotrifluorides, 3, III  
Packing group (ADR) : III  
Class (ADR) : 3 - Flammable liquids

### Transport by sea

No additional information available

### Air transport

No additional information available

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

##### Silane, triethoxyoctyl- (2943-75-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### Silane, triethoxyoctyl- (2943-75-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### EU-Regulations

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

##### Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

##### Silane, triethoxyoctyl- (2943-75-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No information available

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R65

Xi; R36/37/38

N; R51/53

R10

Full text of R-phrases: see section 16

#### 15.2.2. National regulations

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

##### Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on Industrial Safety and Health Law Substances (ISHL)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

# ChimneySaver VOC Compliant Solvent-Base Water Repellent

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### Silane, triethoxyoctyl- (2943-75-1)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on Industrial Safety and Health Law Substances (ISHL)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

SDS US (GHS HazCom 2012)

*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*