



# VOLTECO Spa

## TRIPLEZERO

Revision no. 4.0

Revision date 16/05/2018

Printed on 16/05/2018

Page no. 1 / 7

### SECTION 1. Identification of the substance/preparation and of the company/undertaking

#### 1.1 Product identifier

Name **TRIPLEZERO**

#### 1.2. Identified relevant uses of the substance or mixture and non-recommended uses

Description/Use **Water repellent cream for the building industry**

#### 1.3. Supplier information of the safety data sheet

Company Name **VOLTECO Spa**  
Address **Via delle Industrie, 47**  
District and Country **31050 Ponzano Veneto (TV) - IT**  
Telephone **+39 0422 9663**  
Fax **+39 0422 966401**  
e-mail address of the person in charge of the safety data sheet **volteco@volteco.it**

#### 1.4. Emergency telephone number

For urgent enquiries, please contact **+39 0422 9663**

### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Classification 1272/2008/EC

Non-hazardous substance or mixture according to EC Regulation No. 1272/2008.

#### 2.2 Label elements

Classification according to EC no. 1272/2008

Not necessity labelling GHS.

Special provisions regarding identification Contains Chloromethylisothiazolinone and Methylisothiazolinone (3:1)  
May cause an allergic reaction.  
Safety data sheet available on request.

#### 2.3 Other hazards

Inhaling spray can cause damage to one's health.

The product hydrolyses, thereby forming ethanol (CAS 64-17-5).

Ethanol is highly flammable

### SECTION 3. Composition/information on ingredients

#### 3.1 Substance/Mixture

Not applicable.

#### 3.2 Mixture

##### 3.2.1 Chemical name

Alkoxysilane + siloxane + water

##### 3.2.2 Hazardous ingredients

This product not contains hazardous ingredients exceed the threshold value(s).

### SECTION 4. First aid measures

#### 4.1 Description of the first aid measures

Contact with skin Wash thoroughly with soap and water. In case of skin irritation, seek medical attention. In case of evident skin changes or disorders consult your doctor (if possible show him the label or the safety data sheet).

Contact with eyes Wash with plenty of water. If irritation persists, seek medical attention.

Swallowing Make the patient drink plenty of water in small doses. Do not induce vomiting.

Inhalation Move the person to fresh air.

General information In case of accident or illness, call a doctor and show him/her the safety data sheet.

#### 4.2 Main symptoms and effects, both acute and delayed

Important information may be found in other parts of this chapter.

	<b>VOLTECO Spa</b>	Revision no. 4.0
		Revision date 16/05/2018
	<b>TRIPLEZERO</b>	Printed on 16/05/2018
		Page no. 2 / 7

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

Observe additional toxicological information in Paragraph 11.

Refer to Chapter 11 for symptoms and effects caused by the contained substances.

### SECTION 5. Fire-fighting measures

#### 5.1 Extinguishing agents

**Suitable extinguishing agents** Nebulised water, dry chemical powder, alcohol-resistant foam, carbon dioxide and dry sand.

**Unsuitable extinguishing agents** Water jets.

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

In case of fire possible formation of dangerous fumes and gases.

Exposure to combustion products can be a hazard on health.

#### Dangerous products in case of fire

Carbon oxides, silica oxides, nitrogen oxides, incomplete combustion hydrocarbon products, toxic and very toxic fumes.

#### 5.3 Recommendations for those in charge of putting out fires

**Requested special protective equipment** Use an independent anti-gas device. Keep unequipped persons away.

### SECTION 6. Accidental release measures

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

Signal the area.

Wear personal protective equipment (see Paragraph 8).

Keep unequipped persons away.

Danger of slipping due to spillage of material.

Don't walk on spilled product.

#### 6.2 Environmental precautions

Prevent the product from entering the drains, surface water, ground water and confined areas.

Stop the leak if it is safe to do so.

Stop the spillage of liquid with suitable material (e.g. soil).

Contain contaminated water/extinguishing water.

Eliminate in containers marked in accordance with the regulations in force.

Inform the relevant authorities if the product has caused environmental pollution (drains, waterways, soil or air).

#### 6.3 Methods and materials for containment and cleaning up

Draw mechanically and dispose of according to regulations.

Do not flush with water.

In small amounts of the product:

Collect with neutral (no alkaline/no acid) and absorbent material, for example diatomaceous earth, and dispose of according to regulations.

In large quantities:

Liquids can be collected with aspiration equipment or pumps.

If flammable, only use pneumatic electrical equipment or according to regulations in force.

Eliminate remaining slippery materials with diluted detergent/soap or biodegradable detergents.

Danger of slipperiness on spilled products, such as silicone oils.

To improve adherence, spread sands or inert and granular materials.

#### Additional instructions

Vacuum the vapours. Eliminate all sources of ignition. Observe explosion-proof protection. Observe information in Section 7.

#### 6.4 Reference to other sections

The important information in other chapters must be complied with.

This is particularly valid for information on personal protective equipment (Section 8) and disposal (Section 13).

### SECTION 7. Handling and storage

#### 7.1 Precautions for safe handling

**General information** Mix well before use.

**Information for safe product handling** Avoid generation of aerosol. In the case of spray formation, special protective measures must be adopted (suction, respiratory protection). The spilled substance poses a serious risk of slipping. Observe information in Paragraph 8. Keep away from incompatible materials in Section 10.



# VOLTECO Spa

## TRIPLEZERO

Revision no. 4.0

Revision date 16/05/2018

Printed on 16/05/2018

Page no. 3 / 7

### Precautions against fire and explosion

The product may release ethanol. In enclosed spaces, vapours can form mixtures with air and in the presence of ignition sources can cause an explosion even in empty, uncleaned containers. Keep away from sources of ignition and no smoking. Take precautionary measures against electrostatic discharges. Cool hazardous containers with water.

### 7.2 Conditions for safe storage, including any incompatibility

*Requirements for storage rooms and containers* Observe the local regulations.

*Instructions for common storage* Observe the local regulations.

*Additional information on storage conditions* Store the product in a cool and dry place. Protect from sunlight. Protect from frost. Keep the recipients in a well-ventilated area.

*Minimum temperature during storage and transport* 0 °C

### 7.3 Specific end uses

Information not available.

## SECTION 8. Exposure control/personal protection

### 8.1 Control parameters

#### Limit values of air quality in the workplace:

CAS	Product	Type	mg/cm <sup>3</sup>	ppm	E/A	fiber/m <sup>3</sup>
64-17-5	Ethanol	TLV-IT	-	1000,0	-	-

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure checks

##### General safety and hygiene measures for the work environment

Observe general hygiene measures for the use of chemical substances.

Do not breathe dust/fumes/gases/mist/vapours/aerosols.

Only use with a sufficient ventilation.

Do not eat, drink or smoke during use.

##### Personal protective equipment

#### Hand protection

It's advisable use of protective gloves.  
Recommended material for the protective gloves: butyl rubber:  
Thickness material: > 0.3 mm - Permeation time: > 480 min  
Recommended material for the protective gloves: nitrile rubber:  
Thickness material: > 0.1 mm - Permeation time: > 480 min  
Observe instructions relation to permeation and penetration time defined by the manufacturer.  
Moreover, it's necessary to take into consideration specific conditions of use, such as danger of cutting, abrasion and contact time. Note that due to multiple influencing factors (for ex. Temperature) the effective daily time of a protective chemical-resistant glove may be much briefer in terms of the permeation time measured by tests.

#### Eye protection

It is recommended to wear protective airtight goggles (ref. Standard EN 166). Do not wear contact lenses.

#### Respiratory tract protection

In case of exposure to mist, spray or aerosol, wear protective equipment for breathing and protective clothing. Protection breathing equipment: breathing apparatus with full mask according to EN136. Type of recommended filter: combined filter ABEK-2 (inorganic and organic acidic gases and vapours, amines/ammonia, particles) according to EN14387. It's necessary observe time limit and recommendations defined by the manufacturer.

#### Body protection

Protective clothing.

#### Environmental exposure controls

Do not let it flow into the drains or waters.

#### 8.2.1 Additional instructions for the configuration of technical systems

Observe instructions in Paragraph 7. Observe national Standards.

## SECTION 9. Physical and chemical properties

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

Description	Values
<i>Physical state</i>	Paste
<i>Colour</i>	White to yellow
<i>Odour</i>	Weak
<i>Odour threshold</i>	Not known any data



# VOLTECO Spa

## TRIPLEZERO

Revision no. 4.0

Revision date 16/05/2018

Printed on 16/05/2018

Page no. 4 / 7

Description	Values
pH	Not applicable.
Melting point / range	Not determined
Boiling point / range	100 °C a 1013 hPa
Flash point	64 °C (ISO 3679)
Sustained combustion	> 95 °C (ISO 9038)
Evaporation speed	Not known any data
Ignition temperature	265 °C
Vapour relative density	Not known any data
Lower explosivity limit	Not determined
Upper explosivity limit	Not determined
Vapour pressure	23 hPa a 20 °C
Density	approx. 0.9 g/cm <sup>3</sup>
Relative density	approx. 0.9 (water/4 °C=1.00)
Solubility in water	Can be mixed unlimitedly at 20 °C
Partition coefficient n-octanol/water	Not known any data
Dynamic viscosity	Not expected
Molecular mass	Not applicable.

### 9.2 Other information

Ref. to 9.2 Solubility in water.

Explosion limits for released ethanol: 3.5 - 15 % Vol.

## SECTION 10. Stability and reactivity

### 10.1 Reactivity

No known hazardous reaction if stored and handled as prescribed.

Important information is found in other sections of this chapter.

### 10.2 Chemical stability

No known hazardous reaction if stored and handled as prescribed.

Important information is found in other sections of this chapter.

### 10.3 Possibility of hazardous reactions

No known hazardous reaction if stored and handled as prescribed.

Important information is found in other sections of this chapter.

### 10.4 Conditions to be avoided

Heat, flames, sparks and other sources of ignition.

### 10.5 Incompatible materials

Reacts with acid and alkali. The reaction occurs with the formation of ethanol.

### 10.6 Hazardous decomposition products

In case of hydrolysis: ethanol.

For the silicone found in this substance is valid: a small amounts of formaldehyde is released at temperature above 150 °C.

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Type	Species	System test	Dose	Source
LD50 Oral <i>The assessment is taken into consideration from values that are relevant inside ingredients</i>	Rat	-	> 2000 mg/kg	Conclusion by analogy
LD50 Epidermic <i>The assessment is taken into consideration from values that are relevant inside ingredients</i>	Rat	-	> 2000 mg/kg	Conclusion by analogy OECD 402
LC50 Inhalation (spray/dust) <i>No mortality at the indicated</i>	Rat	-	> 5.2 mg/l/4 h No mortality at the indicated	Ratio analysis



# VOLTECO Spa

## TRIPLEZERO

Revision no. 4.0

Revision date 16/05/2018

Printed on 16/05/2018

Page no. 5 / 7

Type	Species	System test	Dose	Source
dose			dose	

### Skin corrosion/irritation

Result/Effect	Type/system test	Source
Non-irritating The assessment is taken into consideration from values that are relevant inside ingredients	Rabbit	Conclusion by analogy OECD 404

### Serious eye damage/Eye irritation

Result/Effect	Type/system test	Source
Non-irritating The assessment is taken into consideration from values that are relevant inside ingredients	Rabbit	Conclusion by analogy OECD 405

### Respiratory or skin sensitisation

Exposure level	Result/Effect	Type/system test	Source
Epidermic	Not sensitising The assessment is taken into consideration from values that are relevant inside ingredients	Guinea pig Magnusson-Kligman	Conclusion by analogy OECD 406

### Germ cell mutagenicity

At this final point, no toxicological experimental data are available for the overall product.

### Carcinogenicity

At this final point, no toxicological experimental data are available for the overall product.

### Toxic for reproduction

At this final point, no toxicological experimental data are available for the overall product.

### Specific toxicity for target organs (STOT) - Single exposure

At this final point, no toxicological experimental data are available for the overall product.

### Specific toxicity for target organs (STOT) - Repeated exposure

At this final point, no toxicological experimental data are available for the overall product.

### Risk if inhaled

No inhalation risk is expected due to the physical and chemical properties of the product.

### Additional toxicological information

Hydrolysis products: ethanol (64-17-5) is absorbed well and rapidly by all means of exposure.

It can cause irritation to the eyes and the mucous membranes, and alterations to the central nervous system, nausea and dizziness.

Chronic exposure to large quantities of ethanol can cause damage to the liver and central nervous system.

## SECTION 12. Ecological information

Use according to good work practices, avoiding release of the product in the environment.

Inform the competent authorities if the product has reached watercourses or sewers or has contaminated soil or vegetation.

### 12.1 Toxicity

There is no experimental data available on the product as such in relation to the toxicological properties.

No adverse effects are expected in the purification systems based on current experience.

No other information is available.

### 12.2 Persistence and degradability

Hydrolysis products: ethanol and silanol compounds.

The hydrolysis product (ethanol) is easily biodegradable.

Silanol compounds content: Not biodegradable.

### 12.3 Bioaccumulative potential

Some indications are not known.

### 12.4 Mobility in the soil

Some indications are not known.

### 12.5 Results of the PBT and vPvB evaluation

No data available.

### 12.6 Other adverse effects

None known.



# VOLTECO Spa

## TRIPLEZERO

Revision no. 4.0

Revision date 16/05/2018

Printed on 16/05/2018

Page no. 6 / 7

### SECTION 13. Disposal considerations

#### 13.1 Waste processing methods

##### Product

The material that can't be reused, processed and recycled should be disposed through an authorised facility, in compliance with national and local regulations.

Based on provisions, possible methods for disposing can be incineration or dumping.

#### 13.2 Contaminated packaging

Empty packages must be clean (free of residue and condensate, cleaned with a spatula).

The packages should preferably be recycled in accordance with local/national regulations in force.

The packages that cannot be cleaned must be sent for disposal, just like the substance.

#### 13.3 Waste code (EC)

The product has not been assigned any waste code according to European Waste Catalogue (EWC) because only the intended customer use allows the relative association.

The waste code must be determined within the EU in accordance with the disposal of waste.

### SECTION 14. Transport information

#### ADR/RID - ADN/RID IMDG IATA

-	ADR/RID - ADN/RID	IMDG	IATA
14.1 UN number	-	-	-
14.2 UN Shipping name	-	-	-
14.3 Hazard classes	-	-	-
14.4 Packaging groups	-	-	-
14.5 Hazardous for the environment Marine Pollutant	No	No	No
14.6 Special precautions	The important information in other chapters must be complied with.	The important information in other chapters must be complied with.	The important information in other chapters must be complied with.
Further information	-	-	-
14.7 Bulk transport according to Annex II of MARPOL 73/78 and the IBC Code	N.A.	N.A.	N.A.

### SECTION 15. Regulatory information

#### 15.1 Specific standards and regulations on health, safety and environment for the substance or mixture

Comply with the local and national provisions.

Refer to Chapter 2 in this document for labelling information.

#### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this product in accordance with Regulation (EC) No. 1907/2006 (REACH).

#### 15.3 Other international regulations

##### Information on the state of the international registration

Listed on or in accordance with the following inventories.

South Korea	ECL - Existing Chemicals List	This product is listed or coherent with inventory of substances.
Japan	ENCS (Handbook of Existing and New Chemical Substances)	This product is listed or coherent with inventory of substances.
Australia	AICS (Australian Inventory of Chemical Substances)	This product is listed or coherent with inventory of substances.
People's Republic of China	IECSC (Inventory of Existing Chemical Substances in China)	This product is listed or coherent with inventory of substances.
Canada	DSL (Domestic Substance List)	This product is listed or coherent with inventory of substances.
Philippine	PICCS (Philippine Inventory of Chemicals and Chemical Substances)	This product is listed or coherent with inventory of substances.
USA	TSCA (Toxic Substance Control Act Chemical Substance Inventory)	This product is listed or coherent with inventory of substances.



# VOLTECO Spa

## TRIPLEZERO

Revision no. 4.0

Revision date 16/05/2018

Printed on 16/05/2018

Page no. 7 / 7

Taiwan

TCSI (Taiwan Chemical Substance Inventory)

This product is listed or coherent with inventory of substances. General note: Taiwan REACH requires a phase 1 registration for listed substances in TCSI or comply with TCSI if importing to Taiwan or producing in Taiwan is exceeded at amounts more than 100 kg/year (if mixture to calculate for each ingredient). The importer or manufacturer is responsible for this.

SEE

REACH (EC Regulation 1907/2006)

General note: the suppliers, mentioned in Paragraph 1, are obliged, under their own responsibility, to comply with registration resulting from production or importation in SEE. The clients or other users are obliged, under their own responsibility, to comply with registration resulting from importation.

### SECTION 16. Other information

#### 16.1 Product

The instructions given in this document are based on the state of our knowledge at the time of the review.

They do not constitute a guarantee of the properties of the product described pursuant to the provisions of law regarding the warranty.

The provision of this document does not relieve the recipient of the product from the responsibility to comply with applicable laws and regulations regarding the product.

This is particularly valid for the subsequent product distribution or of mixtures or articles derived from it in other areas of law, as well as to the trademark rights of third parties.

If the product described is treated or mixed with other substances, the instructions provided in this document cannot be transferred to the new product unless this is mentioned specifically.

If the product is repackaged, it will be the responsibility of the recipient to attach the necessary information regarding safety.

#### 16.2 Additional instructions

In the numerical indications the comma indicates the decimal point.

Vertical lines on the left margin indicate changes with respect to the previous version.

This version replaces all previous issues.