



VOLTECO Spa

Revision no. 3.0

Revision date 06/11/2017

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

1.1 Product identifier

Name PROFIX 20

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

Description/Use Water-repellent primer, ready-to-use

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

The product is classified as dangerous pursuant to the provisions stipulated in EC Regulation No. 1272/2008 (CLP) as amended. The product requires a safety data sheet that complies with the provisions of EC Regulation No. 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in Sections 11 and 12 of this data sheet.

2.2 Label elements

Labelling pursuant to Regulation EC 1272/2008 (CLP) as amended

EUH208 May cause an allergic skin reaction.
Contains: Imidazo [4,5-d]imidazole-2,5(1H,3H)-dione,tetrahydro-1,3,4,6-tetrakis(hydroxymethyl) 1,2-benzisothiazol-3(2H)-one (EC 220-120-9) (BIT)
Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one (EC 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC 220-239-6) (Mixture of CMIT/MIT)

2.3 Other hazards

Based on available data, the product does not contain PBT or vPvB substances in percentages exceeding 0.1%.

SECTION 3. Composition/information on ingredients

3.1 Substance/Mixture

Non-relevant information.

3.2 Mixture

Name	CAS	EC	Conc.	Classification 1272/2008/EC
Triethoxyoctylsilane	2943-75-1	220-941-2	1 < X < 6	Skin Irrit. 2 H315
Imidazo [4,5-d]imidazole-2,5(1H,3H)-dione,tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)	5395-50-6	226-408-0	0.1 < X < 0.15	Skin Sens. 1B H317

SECTION 4. First aid measures

4.1 Description of the first aid measures

There are no known episodes of damage to staff appointed to use of the product. Nevertheless, in case of need, the following general measures are taken.

Contact with skin Take off contaminated clothing. Wash immediately with plenty of water. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.

Contact with eyes Take out any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Seek medical attention, if the problem persists.

Swallowing Seek immediate medical attention. Induce vomiting only if indicated by the doctor. Never administer anything by mouth to an unconscious person unless authorised by the doctor.



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Inhalation

Move the person to fresh air. If breathing is difficult, immediately call a doctor.

4.2 Main symptoms and effects, both acute and delayed

There is no specific information on the symptoms and effects of the product.

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

4.3 Indication of any immediate medical attention and special treatment needed

Information not available.

SECTION 5. Fire-fighting measures

5.1 Extinguishing agents

Suitable extinguishing agents Conventional extinguishing agents must be used: carbon dioxide, foam, powder and nebulised water.

Unsuitable extinguishing agents None.

5.2 Special hazards arising from the substance or mixture

Hazards due to exposure in case of fire Avoid breathing combustion products (carbon oxide, toxic pyrolysis products, etc.).

5.3 Recommendations for those in charge of putting out fires

General information Cool by spraying the containers with water to prevent product decomposition and the development of substances that are a potential health hazard. Always wear full fire prevention gear. Collect extinguishing water that must not be released in the drains. Dispose of contaminated water used for extinguishing and the remains of the fire according to applicable regulations.

Equipment Standard fire fighting clothing such as an open-circuit compressed air breathing apparatus (EN 137), flame retardant clothing (EN 469), flame retardant gloves (EN 659) and boots for firefighters (HO A29 or A30).

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Stop the leak if it is safe to do so.

Wear suitable protective equipment (including the personal protective equipment listed in Section 8 of the Safety Data Sheet) to prevent skin, eye and personal clothing contamination.

These statements apply for workmen and emergency interventions.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Vacuum the spilled product into a suitable container.

If the product is flammable, use explosion-proof equipment.

Assess the compatibility of the container to be used with the product, by checking Section 10.

Absorb the remaining product with inert absorbent material.

Make sure there is adequate ventilation in the area affected by the leak.

Disposal of contaminated material must comply with the provisions stipulated in Point 13.

6.4 Reference to other sections

Any information on personal protection and disposal is found in Sections 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Handle the product after having consulted all of the other sections in this safety data sheet.

Do not release the product into the environment.

Do not eat, drink or smoke during use.

Remove contaminated clothing and protective equipment before accessing areas where you eat.

7.2 Conditions for safe storage, including any incompatibility

Store in the original container, firmly closed.

Keep the recipients closed, in a well-ventilated area, away from direct sunlight.

Keep the containers away from any incompatible materials, checking Section 10.

7.3 Specific end uses

No particular use.



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SECTION 8. Exposure control/personal protection

8.1 Control parameters

Information not available.

8.2 Exposure controls

Since adequate technical equipment must always be given priority over personal protective equipment, make sure that there is good ventilation in the workplace by means of effective local extraction.

Eye protection	It is recommended to wear protective airtight goggles (ref. Standard EN 166).
Skin protection	Wear long-sleeved overalls and safety footwear for professional use Category I (ref. Directive 89/686/EC and ISO EN 20344). Wash with soap and water after removing protective clothing.
Hand protection	Protect your hands with Category I work gloves (ref. Directive 89/686/EC and Standard EN 374), such as those made of latex, PVC or equivalent material. The following must be considered for the final selection of the glove material: degradation, break-through time and permeation. In the case of preparations, the resistance of the work gloves must be verified before use as it can be unpredictable. The gloves have a wear time limit that depends on the duration of exposure. moisturising skin cream.
Respiratory protection	If the threshold value (if available) of one or more of the substances present in the product is exceeded, with reference to the daily exposure in the work environment or to a fraction established by the company's prevention and protection department, wear a mask with type B or universal type of filter whose class (1, 2 or 3) must be chosen according to the limit concentration of use (ref. Standard EN 14387). Respiratory protective equipment, such as the aforementioned types of masks, is necessary in the absence of technical measures to limit the operator's exposure. The protection provided by the masks is limited in any case. If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in case of an emergency, i.e. when exposure levels are unknown or the oxygen concentration in the workplace is less than 17% in volume, wear an open circuit compressed air breathing apparatus (ref. Standard EN 137) or a fresh air respirator with a full face mask, half mask or mouthpiece (ref. Standard EN 138).
Environmental exposer control	The emissions from the production processes, including those from the ventilation equipment, must be controlled, in observance of environmental protection regulations.

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Description	Values
Physical state	Dense liquid
Colour	Straw yellow
Odour	Slight
Odour threshold	Not available.
pH	8.5
Melting or freezing point	Not available.
Boiling point	Not available.
Distillation range	Not available.
Flash point	Not available.
Flammability of solids and gases	Not applicable.
Evaporation rate	Not available.
Lower flammability limit	Not flammable
Upper flammability limit	Not flammable
Lower explosivity limit	Not explosive
Upper explosivity limit	Not explosive
Vapour pressure	Not available.
Vapour density	Not available.
Specific weight	1
Solubility	Mixable with water
Partition coefficient n-octanol/water	Not available.
Viscosity	Not available.
Oxidising properties	Not available.
Decomposition temperature	Not available.
Auto-ignition temperature	Not available.



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SECTION 10. Stability and reactivity

10.1 Reactivity

There are no particular hazards of reaction with other substances under normal conditions of use.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

No dangerous reactions are expected under normal conditions of use and storage.

10.4 Conditions to be avoided

None in particular.

Nonetheless, always observe the usual precautions that apply to chemical products.

10.5 Incompatible materials

No information.

10.6 Hazardous decomposition products

No information.

SECTION 11. Toxicological information

There are no known episodes of damage to health caused by the product.

In any case we recommend operating in observance of the rules of good industrial practice.

The preparation may, in particularly sensitive individuals, cause slight effects on their health due to exposure to inhalation and/or skin absorption and/or contact with eyes and/or ingestion.

11.1 Information on toxicological effects

Acute toxicity:

LC50 (Inhalation/Vapours) of the mixture: Not classified (no relevant component).

LC50 (Inhalation mists/dust) of the mixture: Not classified (no relevant component).

LD50 (Oral) of the mixture: Non classificato Not classified (no relevant component).

LD50 (Skin) of the mixture: Not classified (no relevant component).

Skin corrosion/skin irritation

It does not meet the classification criteria for this hazard class.

Serious eye damage/eye irritation

It does not meet the classification criteria for this hazard class.

Respiratory or skin sensitisation

It does not meet the classification criteria for this hazard class.

Germ cell mutagenicity

It does not meet the classification criteria for this hazard class.

Carcinogenicity

It does not meet the classification criteria for this hazard class.

Toxic for reproduction

It does not meet the classification criteria for this hazard class.

Specific toxicity for target organs (STOT) - Single exposure

It does not meet the classification criteria for this hazard class.

Specific toxicity for target organs (STOT) - Repeated exposure

It does not meet the classification criteria for this hazard class.

Risk if inhaled

It does not meet the classification criteria for this hazard class.

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

Name of product/ingredient	Type	Species	Exposure	Dose	Type
<i>Tetrahydro-1,3,4,6-tetrahydro-2H-1,2,4-triazolo[4,5-d]imidazole-2,5(1H,3H)-dione</i>	LC50	Brachydanio rerio (OECD 203)	96 h	17.6 mg/l	Fish



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Name of product/ingredient	Type	Species	Exposure	Dose	Type
	EC50	Daphnia magna (OECD 202)	48 h	> 38.9 mg/l	Crustaceans
	EC50	Desmodesmus subspicatus (OECD 201)	72 h	8.5 mg/l	Algae/Aquatic plants
	NOEC Chronic	Daphnia magna (OECD 211)		11.2 mg/l	Crustaceans
	NOEC Chronic	Algae (OECD 2001)		3.93 mg/l	Algae/Aquatic plants

12.2 Persistence and degradability

The paraffinic hydrocarbons contained can be considered as degradable in water and in the air.

They distribute mostly in the air.

The small part that is distributed in the water, and which does not biodegrade, tends to accumulate in the fish.

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione. Rapidly Biodegradable. OECD 301 A (DOC removal after 28 d) > 70% Die-Away-Test

12.3 Bioaccumulative potential

None.

12.4 Mobility in the soil

None.

12.5 Results of the PBT and vPvB evaluation

None.

12.6 Other adverse effects

None.

SECTION 13. Disposal considerations

13.1 Waste processing methods

Reuse, if possible. Product residues as is are considered as special non-hazardous waste. Disposal must be performed through an authorised facility, in compliance with national and local regulations.

13.2 Contaminated packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not classified as dangerous in accordance with the provisions in force concerning transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

SECTION 15. Regulatory information

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

Seveso category

None.

Restrictions relating to the product or substances contained in Annex XVII Regulation EC No. 1907/2006

None.

Substances in Candidate List (Art. 59 Reach)

None.

Substances subject to authorisation Annex XIV Regulation EC No. 1907/2006 (REACH)

None.

Health controls

Information not available.

15.2 Chemical safety assessment

No chemical safety assessment has been conducted for the mixture and the substances contained in it.

SECTION 16. Other information

Text of hazard (H) phrases mentioned in Sections 2-3 of the data sheet:



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H315	Skin Irrit. 2	Causes skin irritation, Category 2.
H317	Skin Sens. 1	Skin sensitisation, Category 1
EUH210		Safety data sheet available on request.

SAFETY DATA SHEET ON VOLUNTARY BASIS

The product is not classified as hazardous.

A safety data sheet is not required by the regulations in force.

We provide, on a voluntary basis, a safety data sheet compiled in accordance with EC Regulation No. 1907/2006 (REACH).

Abbreviations and acronyms

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: Chemical Abstract Service NUMBER
- CE50: Concentration that causes effect to 50% of the population subjected to a test
- CE NUMBER: Identification NUMBER in ESIS (European archive of existing substances)
- CLP: Classification, Labelling, Packaging (EC Regulation No. 1272/2008)
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Global harmonised system to classify and label Chemical products
- IATA DGR: Regulations to transport Dangerous Goods of the International Air transport Association
- IC50: Concentration that immobilises 50% of the population subjected to a test
- IMDG: International maritime code for transport of Dangerous Goods
- IMO: International maritime Organization
- INDEX NUMBER: INDEX NUMBER of Annex VI of the CLP
- LC50: Lethal concentration for 50% of the test population
- LD50: Lethal dose for 50% of the test population
- OEL: EU occupational exposure limit value
- PBT: Persistent bioaccumulative and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable exposure level
- PNEC: Predicted no-effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
- TLV: occupational exposure threshold limit value
- TLV CEILING: concentration that must Not be exceeded during any time of working exposure
- TWA STEL: Short time exposure limit
- TWA: 8-hour time-weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very Persistent and Very bioaccumulative according to REACH

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and subsequent amendments
 2. Directive 67/548/EC as amended
- EC Regulation No. 1907/2006 of the European Parliament (REACH)
 - EC Regulation No. 1272/2008 of the European Parliament (CLP)
 - EC Regulation No. 790/2009 of the European Parliament (I Atp. CLP)
 - EC Regulation No. 453/2010 of the European Parliament
 - EC Regulation No. 286/2011 of the European Parliament (II Atp. CLP)
 - The Merck Index. Ed. 10
 - Handling Chemical Safety
 - Niosh - Registry of Toxic Effects of Chemical Substances
 - INRS - Fiche Toxicologique
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1989
 - ECHA Agency website

Note for the user

The information contained in this data sheet is based on the knowledge available to us at the date of the last version.

The user must verify the suitability and completeness of the information according to each specific use of the product.

This document must not be considered a guarantee of any specific property of the product.

Since product use is not subject to our direct control, the user is obliged, under his own responsibility, to comply with the health and safety regulations and laws in force. We accept no responsibility for improper use.

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Provide adequate training to people in charge of using chemical products.