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

### 1.1 Product identifier

| | |
|---|---|
| *Name* | **AQUASCUD 430 Liquid component** |

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

| | |
|---|---|
| *Description/Use* | **Adhesive and bonding agent for building material** |

### 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

**Regulation EC No. 1272/2008 as amended**

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

### 2.2 Label elements

**Special labelling**

| | |
|---|---|
| ***EUH208*** | May cause an allergic skin reaction.<br>Contains: Bronopol, CMIT/MIT mixture |

### 2.3 Other hazards

**Negative effects on health**

| | |
|---|---|
| ***Contact with skin*** | Risk of skin sensitisation. May cause skin irritation. |
| ***Contact with eyes*** | May cause eye irritation. |
| ***Swallowing*** | Ingestion may cause irritation to mucous membranes. |
| ***Physical and chemical hazards*** | Thermal decomposition in toxic products. |
| ***Decomposition products*** | Refer to Chapter 10. |
| ***vPvB substances*** | None. |
| ***PBT substances*** | None. |

## SECTION 3. Composition/information on ingredients

### 3.1 Substance/Mixture

| | |
|---|---|
| ***Product definition*** | Aqueous dispersion of acrylic styrene copolymer |

**Hazardous components according to EC Regulation No. 1272/2008**

| Name | CAS | EINECS | Conc. | Classification 1272/2008/EC |
|---|---|---|---|---|
| *CMIT/MIT* | 55965-84-9 | 611-341-5 | < 0.0015% | Eye Dam. 1, H318<br>Acute Tox.3 (oral), H301<br>Acute Tox.3 (Inhal), H331<br>Acute Tox.3 (dermal), H311<br>Skin Corr. 1B. 2, H314<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410<br>Factor M Acute = 1<br>Factor M Chronic = 1 |
| *Bronopol* | 52-51-7 | 200-143-0 | < 0.01% | Acute Tox.4 (oral), H302<br>Acute Tox.4 (dermal), H312<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |

| Name | CAS | EINECS | Conc. | Classification 1272/2008/EC |
|---|---|---|---|---|
| | | | | STOT SE 3, H335<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411<br>Fattore M Acuto = 10 |

## SECTION 4. First aid measures

### 4.1 Description of the first aid measures

| | |
|---|---|
| ***Contact with skin*** | Wash thoroughly with soap and water. |
| ***Contact with eyes*** | Wash immediately and thoroughly with water and seek medical attention. |
| ***Swallowing*** | Do not induce vomiting under any circumstances. SEEK MEDICAL ATTENTION IMMEDIATELY. |
| ***Inhalation*** | Move the victim to fresh air and keep warm and at rest. |

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

| | |
|---|---|
| ***Contact with skin*** | May cause irritation. |
| ***Contact with eyes*** | May cause irritation. |
| ***Swallowing*** | Ingestion may cause irritation to mucous membranes. |
| ***Inhalation*** | Thermal decomposition may lead to the production of irritating and toxic gases and vapours. |

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

If symptoms persist, seek medical attention.

## SECTION 5. Fire-fighting measures

### 5.1 Extinguishing agents

| | |
|---|---|
| ***Suitable extinguishing agents*** | Use $CO_2$, and dry or foam chemical product. |
| ***Unsuitable extinguishing agents*** | Do not use a solid water stream as it may scatter and spread fire. |

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

Do not inhale explosion and combustion gases.
Combustion produces heavy smoke.
Carbon oxides, gases and vapours potentially dangerous to health may be released due to thermal decomposition or in the event of fire.

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

Use suitable breathing apparatus.
Collect the contaminated water used to extinguish the fire separately.
Do not dispose of it into the drains.
If it is feasible in terms of safety, remove undamaged containers from the imminent danger area.

## SECTION 6. Accidental release measures

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

Wear personal protective equipment.
Move people to a safe place.
Refer to the protection measures in Points 7 and 8.

### 6.2 Environmental precautions

Prevent the product from entering the drains, surface water, ground water and confined areas.
Prevent the product from entering the drains, surface water, ground water and confined areas.
Collect contaminated wash water and dispose of it.
In the event of gas/vapour leakage or penetration into waterways, soil or drains, inform the responsible authorities.
Material suitable for collection: absorbing material, organic material, sand.

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

Wash with plenty of water.

### 6.4 Reference to other sections

Also see Paragraph 8 and 13.

## SECTION 7. Handling and storage

### 7.1 Precautions for safe handling

Provide adequate ventilation.
Avoid contact with skin and eyes; do not inhale vapours or mist.
Do not eat or drink whilst working.
Also refer to Paragraph 8 for the recommended protective equipment.

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

Protect against frost.
Sensitive to cold starting from +5°C.
Keep away from food, beverages and feed.

| | |
|---|---|
| ***Incompatible materials*** | None in particular. Also refer to the next Paragraph 10. |
| ***Guidelines for local inhabitants*** | Duly aerated rooms. |

### 7.3 Specific end uses

No particular use.

## SECTION 8. Exposure control/personal protection

### 8.1 Control parameters

There are no occupational exposure limits.
DNEL exposure limit values: N.A.
PNEC exposure limit values: N.A.

### 8.2 Exposure controls

| | |
|---|---|
| ***Suitable technical controls*** | Apply the technical measures necessary in order not to exceed the occupational exposure limit. If work is carried out in an enclosed space (tanks, containers, etc.), make sure that there is enough air to breathe and wear the recommended equipment. |
| ***Eye protection*** | Not required for normal use. In any case, operate according to good work practices. |
| ***Hand protection*** | Not required for normal use. For industrial hygiene purposes, it is recommended to use specific protection in the event of prolonged product handling. |
| ***Skin protection*** | No special precautions are required for normal use. |
| ***Respiratory protection*** | Not necessary for normal use. |
| ***Thermal risks*** | None. |
| ***Environmental exposure controls*** | The product must not get into sewers, watercourses or the soil. |

## SECTION 9. Physical and chemical properties

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

| Description | Values |
|---|---|
| *Physical state* | Liquid |
| *Colour* | White |
| *pH* | 6-8 |
| *Melting or freezing point* | Not available. |
| *Initial boiling point* | Not available. |
| *Boiling range* | 100°C |
| *Flash point* | Not flammable |
| *Flammability of solids and gases* | Not available. |
| *Evaporation rate* | Not available. |
| *Lower flammability limit* | Not available. |
| *Upper flammability limit* | Not available. |
| *Lower explosivity limit* | Not available. |
| *Upper explosivity limit* | Not available. |
| *Vapour pressure* | 23 kPa (20°C) |
| *Vapour density* | Not available. |
| *Apparent density* | 1 kg/l (23°C) |
| *Solubility* | Mixable with water |
| *Partition coefficient n-octanol/water* | Not available. |
| *Viscosity* | 500-2000 mPas (23°C) |

| Description | Values |
|---|---|
| *Explosive properties* | Not available. |
| *Oxidising properties* | Not available. |
| *Decomposition temperature* | Not available. |
| *Auto-ignition temperature* | Not available. |

## SECTION 10. Stability and reactivity

**10.1 Reactivity**
Stable under normal conditions.

**10.2 Chemical stability**
Stable under normal conditions.

**10.3 Possibility of hazardous reactions**
None.

**10.4 Conditions to be avoided**
Heat.
Protect against frost.

**10.5 Incompatible materials**
None.

**10.6 Hazardous decomposition products**
Carbon oxides, gases and vapours potentially dangerous to health may be released due to thermal decomposition or in the event of fire.

## SECTION 11. Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity:**

| | |
|---|---|
| ***Swallowing*** | Ingestion may cause irritation to mucous membranes. |
| ***Inhalation*** | Thermal decomposition may lead to the production of irritating and toxic gases and vapours. |

**Local effects**

| | |
|---|---|
| ***Contact with eyes*** | Serious eye injury. Eye irritation. It can irritate the eyes. |

Unless specified otherwise, the data required by Regulation 453/2010/EC below is considered N.A.:
a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye injuries/serious eye irritations;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) toxicity for reproduction;
h) specific toxicity for target organs (STOT) single exposure;
i) specific toxicity for target organs (STOT) repeated exposure;
j) risk if inhaled.

## SECTION 12. Ecological information

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

**12.2 Persistence and degradability**
Inert polymer: Not biodegradable due to its structure.

**12.3 Bioaccumulative potential**
Information not available.

**12.4 Mobility in the soil**
Information not available.

**12.5 Results of the PBT and vPvB evaluation**
Information not available.

**12.6 Other adverse effects**

Information not available.

## SECTION 13. Disposal considerations

**13.1 Waste processing methods**
Do not release into the environment.
Dispose of it in compliance with the European Directives on waste or hazardous waste.
According to the European waste catalogue, the waste codes are not specific to the product, but specific to the application.
The waste codes must be assigned by the user based on the application that this product was used for.

**13.2 Contaminated packaging**
Empty containers should be transported to an authorised recycling or disposal site.

## 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**
EC Regulation No. 1907/2006 (REACH)
EC Regulation No. 1272/2008 (CLP)
EC Regulation No. 790/2009 (I Atp. CLP)
EC Regulation No. 453/2010 (Annex 1)

**15.2 Chemical safety assessment**
No chemical safety assessment has been conducted.

## SECTION 16. Other information

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

| | | |
|---|---|---|
| ***H301*** | Acute Oral Tox. 3 | Toxic if swallowed. |
| ***H302*** | Acute Oral Tox. 4 | Harmful if swallowed |
| ***H311*** | Acute Dermal Tox. 3 | Toxic in contact with skin. |
| ***H312*** | Acute Oral Tox. 4 | Harmful in contact with skin. |
| ***H314*** | Skin Corr. 1B 2 | Causes severe skin burns and eye damage. |
| ***H315*** | Skin Irrit. 2 | Causes skin irritation, Category 2. |
| ***H317*** | Skin Sens. 1 | Skin sensitisation, Category 1 |
| ***H318*** | Eye Dam. 1 | Causes serious eye damage, Category 1 |
| ***H331*** | Acute Tox. 3 | Toxic if inhaled. |
| ***H335*** | STOT SE 3 | May irritate the respiratory tract. |
| ***H400*** | Aquatic Acute 1 | Hazardous to the aquatic environment - Acute hazard, Category 2 |
| ***H410*** | Aquatic Chronic 1 | Very toxic to aquatic organisms. |
| ***H411*** | Aquatic Chronic 2 | Toxic to aquatic organisms with long-term effects |

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**

- 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. - 10th Edition
- 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.
We accept no responsibility for improper use.
Provide adequate training to people in charge of using chemical products.