

1. Identification of the substance/mixture and of the company/undertaking

Commercial Name: **ACQUA SEAL**

Relevant identified uses of the mixture and uses advised against:

treatment for stones

Company identification: **STONE CARE EUROPE srl** - Via L. Spallanzani, 8 - 24061 Albano Sant'Alessandro (BG) - ITALIA
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2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]: the product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: void.

Information concerning particular hazards for human and environment: considered as not dangerous.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: void.

Hazard pictograms: void.

Signal word: void.

Hazard statements: void.

Additional information: safety data sheet available on request.

2.3 Other hazards -

Results of PBT and vPvB assessment

PBT: not applicable.

vPvB: not applicable.

3. Composition/information on ingredients

3.1 Chemical characterization: mixtures.

Description: mixture made by the following substances:

Components	CAS	CE-REACH	CE	%	Classification
2-propanol	67-63-0	01-2119457558-25-xxxx	200-661-7	1 % <= C < 5 %	F; Xi - R: 11-36-67 GHS02 Flam. Liq. 2 H225 GHS07 STOT SE 3 H336 Eye Irrit. 2 H319

4. First aid measures

4.1 Description of first aid measures

General information: no special measures required.

After inhalation: supply fresh air; consult a doctor in case of complaints.

After skin contact: if skin irritation continues, consult a doctor.

After eye contact: rinse opened eye for several minutes under running water.

After swallowing: do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed: no further relevant information available.

Information for doctor: show the doctor this Material Safety Data Sheet.

4.3 Indication of any immediate medical attention and special treatment needed: no further relevant information available.

5. Firefighting measures

General Information: as in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: no further relevant information available.

5.3 Advice for firefighters

Protective equipment: do not inhale gases in case of fire or combustion.

Additional information: keep receptacles cool with water spray.

6. Accidental release measures

General Information: Use proper personal protective equipment as indicated in Section 8.

6.1 Personal precautions, protective equipment and emergency procedures: not required. Use respiratory protective device against the effects of fumes.

6.2 Environmental precautions: dilute with plenty of water after collecting the liquid. Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up: collect the liquid with vacuum in a suitable container and absorb the remainder with a porous material (diatomite, acid binders, universal binders, etc).

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

7.1 Precautions for safe handling: no special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: store in cool place. Keep container tightly closed in a dry and well-ventilated place. Provide floor trough without outlet.

Information about storage in one common storage facility: not required.

Further information about storage conditions: protect from frost.

7.3 Specific end use(s): no further relevant information available.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits: no exposure limit value known.

DNELs/DMELs : no DNELs/DMELs available.

PNECs: no PNECs available.

8.2 Exposure controls

Appropriate engineering controls: good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures: wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: safety glasses with side shields.

Hand protection: chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. 4 – 8 hours (breakthrough time): nitrile rubber (0.5 mm)

Skin and body: working clothes.

Respiratory protection : no special protection is required. In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls: emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Molecular weight

Appearance:

Form: fluid

Colour: colourless.

Odour: alcohol-like

Odour threshold: not determined.

pH-value (- g/l) : 7.3 +/- 0.1

Change in condition

Melting point/Melting range: not determined.

Boiling point/Boiling range: not determined.

Flash point: not applicable.

Flammability (solid, gaseous): not applicable.

Ignition temperature not applicable.

Decomposition temperature: not determined.

Self-igniting: not determined.

Danger of explosion: product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: not determined.

Upper: not determined.

Vapour pressure at 20 °C: not determined.

Density at 20 °C: 1.000 g/cm³

Relative density: not determined.

Vapour density: not determined.

Evaporation rate: not determined.

Solubility in / Miscibility with water at 20 °C: total.

Partition coefficient (n-octanol/water): not determined.

Viscosity:

Dynamic at 20 °C: not determined.

Kinematic: not determined.

9.2 Other information: no further relevant information available.

10. Stability and reactivity

10.1 Reactivity: see 10.3.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: no decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: no dangerous reactions known.

10.4 Conditions to avoid: no further relevant information available.

10.5 Incompatible materials: no further relevant information available.

10.6 Hazardous decomposition products: no decomposition products known, more dangerous than the product as such.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Primary irritant effect: -

- on the skin: no irritant effect.

- on the eye: no relevant irritating effects.

Ingestion: it can be harmful if swallowed.

Inhalation: may be harmful if inhaled.

Sensitisation: no sensitising effects known.

Other information (about experimental toxicology): no more relevant data available.

Additional toxicological information: the product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological information

12.1 Toxicity

Aquatic toxicity: no further relevant information available.

12.2 Persistence and degradability: no further relevant information available.

Ecological information: not available.

12.3 Bioaccumulative potential: no further relevant information available.

12.4 Mobility in soil: no further relevant information available.

Ecotoxic effects

Remark: local effects: may change the environmental pH endangering the aquatic life.

Additional ecological information

General notes: water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: not applicable. vPvB: not applicable.

12.6 Other adverse effects: no further relevant information available.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation: reutilise if possible or contact a waste processors for recycling or safe disposal.

Waste disposal key: the European Union does not establish uniform rules for the disposal of chemical waste, which are special waste. Their treatment and elimination of the domestic legislation of each country. So, in each case, you should contact the relevant authorities, or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending the list of wastes contained in Decision 2000/532/EC. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

Uncleaned packaging: the containers and packing materials contaminated with dangerous substances or preparations, have the same treatment products. Directive 94/62/EC of the European Parliament and the Council of 20 December 1994 on packaging and packaging waste.

Recommendation: disposal must be made according to official regulations. Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Recommended cleansing agents: water, if necessary together with cleansing agents.

14. Transport information

14.1 UN number:	ADR/RID: -	IMDG: -	IATA: -
14.2 UN proper shipping name:	ADR/RID: not dangerous goods	IMDG: not dangerous goods	IATA: not dangerous goods
14.3 Transport hazard class(es):	ADR/RID: -	IMDG: -	IATA: -
14.4 Packaging group:	ADR/RID: -	IMDG: -	IATA: -
14.5 Environmental hazards:	ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6 Special precautions for user:	no data available.		

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: void.

Hazard pictograms: void.

Signal word: void.

Hazard statements: void.

National regulations: information about limitation of use: -

Waterhazard class: water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment: a Chemical Safety Assessment has been carried out.

16. Additional Information

Full text of H-Statements referred to under sections 2 and 3.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Full text of R-phrases referred to under sections 2 and 3

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

References

ECDIN (Environmental Chem. Data and Information Network)

IUCLID (International Uniform Chemical Information Database)

NIOSH - Registry of Toxic Effects of Chemical Substances

Roth - Wassergefährdende Stoffe

Verschueren - Handbook of Environmental Data on Organic Chemicals

ChemDAT - Safety Data Sheets from E.Merck on CD-ROM

Merian - Metals and their compounds in the environment

Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PNEC: Predicted No-Effect Concentration (REACH)

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Sources

DIR. 67/548/EC, in the latest valid version.

DIR. 1999/45/EC, in the latest valid version.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006,

REACH.

Regulation (EC) N° 1272/2008 of the European Parliament and of the Council of 16 December 2008, CLP, in the latest valid version.

Globally Harmonized System, GHS

ADR 2011

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