

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.11.2010

Revision: 16.11.2010

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

- **Product details:**
- **Trade name:** **ACRYSTAL AQUA LIQUIDE**
- **Article number:** 132132.bulk.00
- **Application of the substance / the preparation** Binder
- **Manufacturer/Supplier:**
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2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** Void

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** void
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard-determining components of labelling:** Void
- **Hazard statements** Void

- **Labelling according to EU guidelines:**
The product has not been classified and labelled in accordance with EC Directives / relevant national laws.
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Adhesive.
- **Dangerous components:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Rinse with warm water.

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- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

5 Firefighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Protective equipment:**
Wear full protective suit.
Do not inhale explosion gases or combustion gases.
Wear self-contained breathing apparatus.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective clothing.
Ensure adequate ventilation
- **Measures for environmental protection:** Dilute with much water.
- **Measures for cleaning/collecting:**
Dispose of contaminated material as waste according to item 13.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store between +5 °C and +30 °C.
Prevent any penetration into the ground.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.
- **Recommended storage temperature:** +10 °C - +25 °C

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.

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- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves.

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Natural rubber, NR
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact gloves made of the following materials are suitable: PVC gloves**
- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- | | |
|---|------------------------------------|
| · General Information | |
| · Appearance: | |
| Form: | Fluid |
| Colour: | White |
| Odour: | Light |
| · Change in condition | |
| Melting point/Melting range: | Not determined |
| Boiling point/Boiling range: | 100 °C (DIN 53171) |
| Flash point: | Not applicable |
| Self-inflammability: | Product is not selfigniting. |
| Danger of explosion: | Product is not explosive. |
| Vapour pressure at 20°C: | 23 hPa (DIN 51640) |
| Density at 20°C | 1.09 g/cm ³ (DIN 51757) |
| · Solubility in / Miscibility with | |
| Water: | Fully miscible |

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|---|--------------------------------|
| · Viscosity:
dynamic at 20°C: | 5 mPas (Brookfield (ISO 2555)) |
| · Solvent content:
Organic solvents: | 0.0 % |
| Water: | 76-78 % |
| Solids content: | 12-14 % (ISO 3251) |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** Possible in traces.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Can cause a temporary irritation, in the event of accidental projection.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Generally not hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation** Must be specially treated under adherence to official regulations.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)

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08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **UN "Model Regulation":** -
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Chemical safety assessment** A Chemical Safety Assessment has not been carried out.
- **National regulations**
- **Water hazard class:** Generally not hazardous for water.
- **VOC (EU) %** 0.00 %
- **Code MAL** 00-1

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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- **Abbreviations and acronyms:**

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

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)