

Safety Data Sheet -Adenta Liquid- According to EG 1907/2006 (REACH)

Versions-No.: 02

Valid from: 12/2021
Replaces version No. 01 from 06/2016

| 1. Identification of substance and company | |
|---|---|
| 1.1 Trade name: | ADENTA VEST LIQUID |
| 1.2 Product details: | SILICA GEL 100% |
| Product form: | LIQUID |
| Purpose: | MIXING LIQUID FOR ADENTA VEST INVESTMENTS |
| 1.3 Manufacturer: | Adentatec GmbH |
| Street: | Konrad-Adenauer-Straße 13 |
| ZIP/city/Country.: | 50996 Köln/ GERMANY |
| Phone: | 0 221 - 35 96 100 |
| Fax: | 0 221 - 35 96 170 |
| Information department: | Alexander Schnack Tel.: 0 221 - 35 96 100 |
| Emergency information: | 030 19240 |
| E-Mail: | Alexander Schnack info@adentatec.com |
| Homepage: | www.adentatec.com |
| 2. Hazards identification | |
| 2.1 Classification of the substance or mixture . Classification according to Regulation (EC) No 1272/2008 | The product does not meet the criteria for classification and labelling according to Regulation (EC) No. 1272/2008 (CLP). The product does not meet the criteria for classification and labelling according to Directive 1999/45/EC (DPD). |
| 2.2 Label elements | Not relevant |
| 2.3 Other hazards | PBT assessment The components of the product are not considered to be PBT. vPvB assessment The components of the product are not considered to be vPvB. |
| 3. Composition/Data on components | |
| The hazard statements in sections 4 to 8 and 10 to 12 not only refer to the product itself, but also to the dusts and gases generated during proper use and processing. | |
| 3.1 Chemical composition | |
| Chemical characterisation: | |
| Silicon dioxide (SiO₂) >50 wt% | CAS: 7631-86-9 EINECS: 231-545-4 REACH No.: 01-2119379499-16 |
| 4. First aid measures | |
| 4.1 General information: | General information: Consult a doctor if symptoms persist. Immediately remove contaminated clothing and shoes. Clean thoroughly before reuse. After inhalation: Remove affected person from danger zone. Provide fresh air. After skin contact: Wash with soap and water. After eye contact: Remove contact lenses, keep eyelids open and rinse abundantly with clean running water for at least 15 minutes, with clean running water for at least 15 minutes. Consult an |

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| 4.2 Important acute and delayed symptoms and effects: | ophthalmologist. After ingestion: Do not induce vomiting. Rinse mouth thoroughly with water. Do not give anything to unconscious persons. Make the person drink plenty of water in small sips. Call a doctor immediately. No further relevant information available. |
| 4.3 Information for the doctor: | No further relevant information available. |
| 5. Fire fighting measures | |
| 5.1 Suitable extinguishing aids: | Suitable extinguishing media Carbon dioxide; Extinguishing powder; Water spray; Foam Unsuitable extinguishing media Full water jet |
| 5.2 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: | No data available. |
| 5.3 Protective equipment: | Product itself does not burn! Match extinguishing media and fire-fighting measures to the surrounding fire. Wear protective suit. |
| 6. Accidental release measures | |
| 6.1 Person-related safety precautions: Protective equipment and to be used in emergencies procedure: | Personnel not trained for emergencies Ensure adequate ventilation. Observe protective regulations (see sections 7 and 8). Emergency personnel No information available. Personal protective equipment see section 8. |
| 6.2 Measures for environmental protection: | Do not allow to enter drains/surface waters/groundwater. Do not allow to enter the subsoil/ground. |
| 6.3 Measures for cleaning/collecting: | Absorb with liquid-binding material (e.g. sand, sawdust, universal binder, diatomaceous earth). Treat the absorbed material according to the section "Disposal". |
| 6.4 Reference to other sections: | No data available. |
| 7. Handling and storage | |
| 7.1 Information for safe handling: | Information for safe handling No special measures required if stored and handled according to instructions. General protective and hygienic measures Wash hands before breaks and at the end of work. Do not smoke, eat or drink while working. Immediately remove soiled, Remove contaminated clothing immediately. Do not inhale dust. Keep away from food and drink. Advice on protection against fire and explosion No special measures required. |

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| <p>7.2 Conditions for safe storage, including intolerances:</p> <p>Common storage notes:</p> | <p>Technical measures and storage conditions Keep container dry, tightly closed and in a cool, well-ventilated place. Protect from frost.</p> <p>Requirements for storage rooms and containers Store only in the original container.</p> <p>Recommended storage temperature Value 20 - 30 °C</p> <p>Requirements for storage rooms and containers Store only in the original container. Carefully close opened containers and store upright to prevent any leakage.</p> <p>Information on storage in one common storage facility None known.</p> <p>Storage class according to TRGS 510 10-13 other liquids and solids (not LGK 1-8)</p> |
| <p>7.3 Specific end uses:</p> | <p>No further relevant information available.</p> |
| <p>8. Exposure controls and personal protection</p> | |
| <p>8.1 To be monitored parameter:</p> | <p>Name of the substance CAS No. EC No. Silicon dioxide, chemically obtained CAS No.: 7631-86-9 EC No.: 231-545-4</p> <p>TRGS 900 Silicic acids, amorphous inhalable fraction Value 4 mg/m³ Pregnancy group Y</p> <p>DNEL and PNEC values</p> <p>Name of substance CAS / EC No. Intake route Exposure time Effect Value inhalation long-term (chronic) systemic 4 mg/m³</p> <p>1 Silicon dioxide, chemically obtained CAS No.: 7631-86-9 EC No.: 231-545-4</p> |
| <p>8.2 Exposure controls</p> <p>Personal protective equipment:</p> | <p>Suitable technical control devices No information available.</p> <p>Respiratory protection: Suitable respiratory protective equipment must be worn if occupational exposure limits are exceeded. Respiratory filter particles FP2 - FP3</p> <p>Hand protection: Use protective gloves in case of intensive contact (DIN EN 374). The protective glove should always be tested for its workplace-specific suitability (e.g. mechanical resistance, product compatibility, antistatic). Follow the glove manufacturer's instructions and information on the use, storage, care and replacement of the gloves. replacement of the gloves. Protective gloves should be replaced immediately if damaged or showing the first signs of wear. Arrange work processes so that gloves do not have to be worn all the time. do not have to be worn at all times.</p> <p>Eye protection: Safety glasses (DIN 58211, EN 166).</p> <p>Body protection:</p> |

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| | Standard chemical work clothing. |
| 9. Physical and chemical properties | |
| 9.1 Information on basic physical and chemical properties: | <p>Shape / Colour: Opalescent milky, clear</p> <p>Odour: Odourless</p> <p>pH value: 8-10,5</p> <p>Density: 1.05 - 1.45 g/cm³</p> <p>Viscosity: 2 - 50 mPa*s</p> <p>Boiling point: 100°C</p> |
| 9.2 Other information: | -- |
| 10. Stability and reactivity | |
| 10.1 Reactivity: | No hazardous reactions are to be expected if used as directed. |
| 10.2 Chemical stability: | Stable if recommended storage and handling instructions are followed (see section 7). |
| 10.3 Possibility of hazardous reactions: | not applicable |
| 10.4 Conditions to avoid: | Not applicable |
| 10.5 Incompatible materials: | Cationic agents; electrolytes |
| 10.6 Hazardous decomposition products: | No dangerous decomposition products known. |
| 11. Toxicological information | |
| 11.1 Information on toxicological effects: | <p>Acute oral toxicity LD50 > 5000 mg/kg</p> <p>Acute dermal toxicity LD50 > 2000 mg/kg</p> <p>Acute inhalation toxicity LC50 > 0,14 mg/l Exposition time 4 h</p> <p>Skin corrosion/irritation No data available</p> <p>Serious eye damage/irritation No data available</p> <p>Respiratory/skin sensitisation No data available</p> <p>Germ cell mutagenicity No data available</p> <p>Reproductive toxicity No data available</p> <p>Carcinogenicity No data available</p> <p>Specific target organ toxicity single exposure No data available</p> |

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| | <p>Specific target organ toxicity repeated exposure No data available</p> <p>Aspiration hazard No data available</p> |
| 12. Ecological information | |
| <p>12.1 Toxicity:</p> <p>12.2 Persistence and degradability:</p> <p>12.3 Bioaccumulative potential:</p> <p>12.4 Mobility in soil:</p> <p>12.5 Results of PBT and vPvB assessment:</p> <p>12.6 Other adverse effects:</p> | <p>Fish toxicity (acute) No data available</p> <p>Fish toxicity (chronic) No data available</p> <p>Daphnia toxicity (acute) No data available</p> <p>Daphnia toxicity (chronic) No data available</p> <p>Algal toxicity (acute) No data available</p> <p>Algal toxicity (chronic) No data available</p> <p>Bacterial toxicity No data available</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>PBT assessment No data available. vPvB assessment No data available.</p> <p>No data available.</p> <p>Other information Do not allow uncontrolled release of product into the environment.</p> |
| 13. Disposal considerations | |
| <p>13.1 Waste treatment Methods:</p> | <p>Product The allocation of a waste code number in accordance with the European Waste Catalogue (AVV) is to be carried out in consultation with the regional waste disposal company.</p> <p>Packaging Packaging must be emptied of all residues and disposed of properly in accordance with the statutory regulations. Packaging that cannot be emptied must be disposed of in consultation with the regional waste disposal company.</p> |
| 14. Transport information | |
| | <p>14.1 Transport ADR/RID/ADN The product is not subject to ADR/RID/ADN regulations.</p> <p>14.2 Transport IMDG The product is not subject to IMDG regulations.</p> |

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Data sources used to compile the data sheet:
Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended.
EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU
National occupational exposure limit value lists of the respective countries in the respective valid version.
Transport regulations according to ADR, RID, IMDG, IATA in the respective valid version. Data sources used to determine physical, toxicological and ecotoxicological data, are indicated directly in the respective sections.

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