

## Safety Data Sheet

according to Regulation (EU) No. 1907/2006

### 451.000 Renia-Aquilim 316 Dispersionskleber

Print date : 14.08.2007

Product code : 450

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

##### Identification of the substance or preparation

451.000 Renia-Aquilim 316 Dispersionskleber

##### Use of the substance/preparation

adhesives aqueous dispersion

##### Company/undertaking identification

Company name :	Renia - GmbH	
	Chemische Fabrik	
Street :	Ostmerheimer Straße 516	
Place :	D-51109 Köln	
Post-office box :	910 659	
	D-51076 Köln	
Telephone :	+49-(0)221-6307990	Telefax : +49-(0)221-63079950
e-mail :	info@renia.com	
Internet :	www.renia.com	
Inquiry office :	F & E, Labor	
Emergency telephone :	+49-(0)221-63079924	

#### 2. Hazards identification

##### **Classification**

This preparation is not classified as dangerous according to Directive 1999/45/EC.

##### **Explication of special hazards for human health and environment**

Irritating to eyes.

#### 3. Composition/information on ingredients

##### **Chemical characterization ( preparation )**

approx. 40 % aqueous PUR-dispersion of various copolymerisates, resins, emulators and stabilizers

#### 4. First aid measures

##### **After inhalation**

Remove from exposure, lie down. If symptoms persist, call a physician.

##### **After contact with skin**

Take off all contaminated clothing immediately. Wash off immediately with plenty of water.

##### **After contact with eyes**

Immediately flush eye(s) with plenty of water. If symptoms persist, call a physician.

##### **After ingestion**

Do not induce vomiting. Rinse mouth. Call a physician immediately.

##### **Advice to doctor**

Treat symptomatically.

#### 5. Fire-fighting measures

##### **Suitable extinguishing media**

carbon dioxide (CO<sub>2</sub>) dry chemical foam water spray

##### **Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases**

In the event of fire and/or explosion do not breathe fumes. In the event of fire dangerous gases may be formed.

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#### Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

#### Additional information

Use water spray to cool unopened containers. The product is not flammable.

### 6. Accidental release measures

#### Environmental precautions

Do not let product enter drains.

#### Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Dispose of as special waste in compliance with local and national regulations

### 7. Handling and storage

#### Handling

##### Advice on safe handling

Use only in well-ventilated areas.

##### Further information on handling

Do not let product enter drains.

#### Storage

##### Requirements for storage rooms and vessels

Keep at temperatures between 5 and 40°C. Perishable if frozen.

##### Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

### 8. Exposure controls/personal protection

#### Exposure limit values

#### Exposure controls

##### Protective and hygiene measures

Avoid contact with the skin and the eyes. When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs.

##### Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment. (gas filter type A2 )

##### Hand protection

solvent-resistant gloves: nitrile rubber,  
butyl-rubber, fluoroc rubber  
Test suitability of gloves before use.

##### Eye protection

safety glasses

### 9. Physical and chemical properties

#### General information

Physical state : liquid  
Colour : white  
Odour : mild amine-like

#### Important health, safety and environmental information

Test method

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pH-Value (at 20 °C) :

7 - 8

#### Changes in the physical state

Melting point :

<-4 °C coagulation

Boiling point :

100 °C DIN 53 171

Flash point :

> 100 °C DIN 51 755

Vapour pressure :  
(at 20 °C)

23 hPa DIN 51 754

Density (at 20 °C) :

1.020 g/cm<sup>3</sup> DIN 51 757

Water solubility :  
(at 20 °C)

completely miscible

Viscosity / dynamic :  
(at 20 °C)

1000 mPa·s DIN 53 015

## 10. Stability and reactivity

#### Hazardous decomposition products

No decomposition if used as directed.

## 11. Toxicological information

#### Acute toxicity

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.

#### Specific effects in experiment on an animal

No data is available on the product itself.

#### Corrosive and irritant effects

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.

#### Sensitising effects

No data is available on the product itself.

#### Severe effects after repeated or prolonged exposure

Inhalation of vapours in high concentration can cause narcotic effects and metabolic acidosis.

#### Carcinogenic/mutagenic/toxic effects for reproduction

No data is available on the product itself.

## 12. Ecological information

#### Ecotoxicity

Can be eliminated from water by flocculation.

#### Mobility

No data is available on the product itself.

#### Persistence and degradability

No data is available on the product itself.

#### Bioaccumulative potential

No data is available on the product itself.

#### Further information

Do not let product enter drains.

## 13. Disposal considerations

#### Contaminated packaging

Offer rinsed packaging material to local recycling facilities. Recycling of packaging materials (dual system).

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#### 14. Transport information

##### Land transport (ADR/RID)

ADR/RID class : Not dangerous goods

##### Description of the goods

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

##### Inland waterways transport

##### Description of the goods

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

##### Marine transport

IMDG code : Not dangerous goods

#### 15. Regulatory information

##### Labelling

##### S phrases

23 Do not breathe .... (gas/fumes/vapour/spray, appropriate wording to be specified by the manufacturer)

##### EU regulatory information

##### Additional information

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

##### National regulatory information

Water contaminating class : 1 - slightly water contaminating

#### 16. Other information

##### Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.