

Trade name: Elecolit® 323 Part A

Version: 3 / GB

Date revised: 18.04.2017

Replaces Version: 2 / GB

Print date: 13.02.2018

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

1.1. Product identifier

Elecolit® 323 Part A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses

PC1 Adhesives, sealants

1.3. Details of the supplier of the safety data sheet

Address/Supplier

Panacol-Elosol GmbH
Daimlerstrasse 8
61449 Steinbach (Taunus)
Telephone no. +49 (0)6171/6202-0
Fax no. +49 (0)6171/6202-590
E-mail address of msds@panacol.de
person responsible
for this SDS

1.4. Emergency telephone number

During regular office hours +49 6171 6202 0; all other times call your local Poison Control Center.

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)		
	Skin Irrit. 2	H315
	Eye Irrit. 2	H319
	Skin Sens. 1	H317
	Aquatic Acute 1	H400
	Aquatic Chronic 1	H410

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Hazard pictograms



Signal word

Warning

Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements ***

P261.9	Avoid breathing vapours/spray.
P264.1	Wash hands thoroughly after handling.

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P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501.A Dispose of waste according to applicable legislation.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Bisphenol-A epoxy resin (MW≤700)

Supplemental information

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients**Hazardous ingredients (Regulation (EC) No. 1272/2008)****Silver**

CAS No.	7440-22-4	
EINECS no.	231-131-3	
Registration no.	01-2119555669-21	
Concentration	≥ 50 %	
Classification (Regulation (EC) No. 1272/2008)		
	Aquatic Acute 1	H400
	Aquatic Chronic 1	H410

Bisphenol-A epoxy resin (MW≤700)

CAS No.	25068-38-6	
EINECS no.	500-033-5	
Registration no.	01-2119456619-26	
Concentration	≥ 25 < 50 %	
Classification (Regulation (EC) No. 1272/2008)		
	Eye Irrit. 2	H319
	Skin Irrit. 2	H315
	Skin Sens. 1	H317
	Aquatic Chronic 2	H411

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319	≥ 5
Skin Irrit. 2	H315	≥ 5

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly

with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder, Carbon dioxide, Foam

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed. Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Storage class according to TRGS 510

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Silver**

Value 0,1 mg/m³

Silver

Value 0,1 mg/m³

Other information

There are not known any further control parameters.

8.2. Exposure controls**General protective and hygiene measures**

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, Filter A

Hand protection

Chemical resistant gloves

Use Short-term hand contact

Appropriate Material nitrile

Material thickness \geq 0,4 mm

Breakthrough time $>$ 480 min

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form liquid

Colour silver-grey

Odour weak

Odour threshold

Remarks not determined

pH value

Remarks not determined

Melting point

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Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Value > 100 °C

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

not determined

Upper/lower flammability or explosive limits

Remarks not determined

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

DensityValue 2,39 g/cm³

Temperature 25 °C

Solubility in water

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity**dynamic**

Value 75000 to 125000 mPa.s

Temperature 25 °C

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information**Other information**

None known

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

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No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Remarks not determined

Acute oral toxicity (Components)**Bisphenol-A epoxy resin (MW≤700)**

Species	rat	
LD50	=	11400 mg/kg

Acute dermal toxicity

Remarks not determined

Acute dermal toxicity (Components)**Bisphenol-A epoxy resin (MW≤700)**

Species	rabbit	
LD50	>	22800 mg/kg

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined

Sensitization

Remarks not determined

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

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Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity (Components)**Bisphenol-A epoxy resin (MW≤700)**

Species	Fathead minnow (<i>Pimephales promelas</i>)		
LC50	3,1		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)**Bisphenol-A epoxy resin (MW≤700)**

Species	Daphnia magna		
EC50	1,4	to	1,7 mg/l
Duration of exposure	48	h	

Bacteria toxicity (Components)**Bisphenol-A epoxy resin (MW≤700)**

IC50	>	42,6	mg/l
Duration of exposure	18	h	

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil**General information**

not determined

12.5. Results of PBT and vPvB assessment**General information**

not determined

12.6. Other adverse effects**General information**

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 08 04 09* waste adhesives and sealants containing organic solvents

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or other dangerous substances
Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information**Land transport ADR/RID****14.1. UN number**

UN 3082

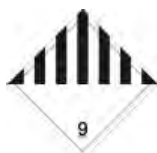
14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver, Bisphenol-A epoxy resin (MW<=700))

14.3. Transport hazard class(es)

Class 9

Label



9

14.4. Packing group

Packing group

Remarks

III

The product is not subject to any other provisions of ADR provided packaging of not more than 5 l / 5 kg (SP 375)

Limited Quantity

5 l

Transport category

3

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

Tunnel restriction code

-

Marine transport IMDG/GGVSee**14.1. UN number**

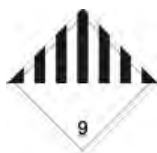
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14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver, Bisphenol-A epoxy resin (MW<=700))

14.3. Transport hazard class(es)

Class 9



9

14.4. Packing group

Packing group

Remarks

III

The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 l / 5 kg.

14.5. Environmental hazards

Marine Pollutant

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EmS

F-A, S-F

Air transport ICAO/IATA**14.1. UN number**

UN 3082

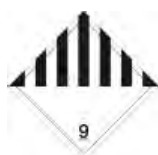
14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver, Bisphenol-A epoxy resin (MW≤700))

14.3. Transport hazard class(es)

Class

9



9

14.4. Packing group

Packing group

Remarks

III

The product is not subject to any other provisions of IATA provided packaging of not more than 5 l / 5 kg (A197)

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

VOC (EU)

0

%

0

g/l

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

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Department issuing safety data sheet

Department product safety

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

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

1.1. Product identifier

Elecolit® 323 part B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses

PC1 Adhesives, sealants

1.3. Details of the supplier of the safety data sheet

Address/Supplier

Panacol-Elosol GmbH
Daimlerstrasse 8
61449 Steinbach (Taunus)
Telephone no. +49 (0)6171/6202-0
Fax no. +49 (0)6171/6202-590
E-mail address of msds@panacol.de
person responsible
for this SDS

1.4. Emergency telephone number

During regular office hours +49 6171 6202 0; all other times call your local Poison Control Center.

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)		
Acute Tox. 4		H302
Skin Irrit. 2		H315
Eye Dam. 1		H318
Aquatic Acute 1		H400
Aquatic Chronic 1		H410

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements ***

P264.1	Wash hands thoroughly after handling.
P273	Avoid release to the environment.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor.
 P501.A Dispose of waste according to applicable legislation.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Amin Hardener

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients**Hazardous ingredients (Regulation (EC) No. 1272/2008)****Silver**

CAS No. 7440-22-4
 EINECS no. 231-131-3
 Registration no. 01-2119555669-21
 Concentration >= 50 %
 Classification (Regulation (EC) No. 1272/2008)
 Aquatic Acute 1 H400
 Aquatic Chronic 1 H410

Amin Hardener

CAS No. 23996-25-0
 EINECS no. 245-975-5
 Concentration >= 10 < 20 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 3 H301
 Skin Irrit. 2 H315
 Eye Dam. 1 H318
 STOT SE 3 H335

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. Remove affected person from danger area. When vapours are intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

After ingestion

Call in a physician immediately and show him the Safety Data Sheet. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder, Foam, Carbon dioxide

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Observe manufacturer's / distributor's instructions.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Observe the usual precautions for handling chemicals. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which

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are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Hints on storage assembly

Do not store together with foodstuffs.

Storage class according to TRGS 510

Storage class according to 10 Flammable liquids
TRGS 510

Further information on storage conditions

Protect from heat and direct sunlight. Keep container tightly closed and dry in a cool, well-ventilated place. Keep locked up and out of the reach of children.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Silver**

Value 0,1 mg/m³

Silver

Value 0,1 mg/m³

Other information

There are not known any further control parameters.

8.2. Exposure controls**General protective and hygiene measures**

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Storage of foodstuffs in work rooms is forbidden. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, Filter A

Hand protection

Chemical resistant gloves

Use	Short-term hand contact
Appropriate Material	nitrile
Material thickness	>= 0,4 mm
Breakthrough time	> 480 min

Eye protection

Safety glasses with side protection shield; Face shield

Body protection

Clothing as usual in the chemical industry. Protective shoes

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	liquid
Colour	silver-grey
Odour	amine-like

Odour threshold

Remarks	not determined
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pH value

Remarks	not determined
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Melting point

Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Value > 100 °C

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

not determined

Upper/lower flammability or explosive limits

Remarks not determined

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

DensityValue 3,41 g/cm³
Temperature 25 °C**Solubility in water**

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information**Other information**

None known

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

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10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Toxic gases/vapours, Irritant gases/vapours

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**ATE 833,333 mg/kg
3

Method calculated value according to GHS (e.g see UN GHS)

Acute dermal toxicity

Remarks not determined

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined

Sensitization

Remarks not determined

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

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not determined

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

Land transport ADR/RID

14.1. UN number

UN 3082

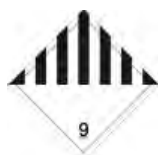
14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver)

14.3. Transport hazard class(es)

Class 9

Label



14.4. Packing group

Packing group III

Trade name: Elecolit® 323 part B

Version: 4 / GB

Date revised: 18.04.2017

Replaces Version: 3 / GB

Print date: 13.02.2018

Remarks

The product is not subject to any other provisions of ADR provided packaging of not more than 5 l / 5 kg (SP 375)

Limited Quantity

5 l

Transport category

3

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

Tunnel restriction code

-

Marine transport IMDG/GGVSee**14.1. UN number**

UN 3082

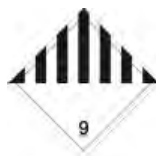
14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver)

14.3. Transport hazard class(es)

Class

9



9

14.4. Packing group

Packing group

III

Remarks

The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 l / 5 kg.

14.5. Environmental hazards

Marine Pollutant



EmS

F-A, S-F

Air transport ICAO/IATA**14.1. UN number**

UN 3082

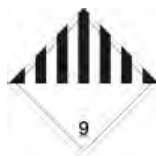
14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver)

14.3. Transport hazard class(es)

Class

9



9

14.4. Packing group

Packing group

III

Remarks

The product is not subject to any other provisions of IATA provided packaging of not more than 5 l / 5 kg (A197)

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

Trade name: Elecolit® 323 part B

Version: 4 / GB

Date revised: 18.04.2017

Replaces Version: 3 / GB

Print date: 13.02.2018

SECTION 15: Regulatory information

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

VOC

VOC (EU) 0 % 0 g/l

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H301	Toxic if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Department issuing safety data sheet

Department product safety

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.