



Safety Data Sheet  
According to regulation (EU) # 453/2010

## STYACRYL A 311

Revision date: 2015/06/09  
Version: 2.1

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### 1. Identification

**Product identifier used on the label**

## STYACRYL A311

#### REACH Registration Number

\*\*\* This product is a mixture and therefore not directly subject of the registration requirements under REACH.

#### Recommended use of the chemical and restriction of use

Raw material, suitable in industrial sector. Paints, lacquers and varnishes industry, binding agent for decorative coatings

#### Details of the supplier of the safety data sheet

ROZACHIM AD  
Anton Strashimirov 53  
5100 Gorna Oryahoviza.  
Bulgaria

[www.rozachim.eu](http://www.rozachim.eu)

#### Emergency telephone number

+359 618 60843 or 112

#### Other means of identification

Chemicals family : Polymer , Dispersion , Emulsion

### 2. Hazards

#### Identification According to Hazardous Products Regulations (HPR) in accordance with EC directives (No 1272 /2008)

#### Classification of the product

Eye Dam. /Irritation      2 Serious eye damage/eye irritation



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### Label elements



Pictogram: GHS 05

**Signal Word:** WARNING

Hazard Statement: H319 Causes serious eye irritation.

Precautionary Statements (Prevention):

P280 Wear eye/face protection.

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P311 if eye irritation persists: Call a POISON CENTER or doctor/physician.

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered. If the product adheres to skin, irritation may occur when it dries.

### Labeling of special preparations (GHS) in accordance with EC directives (№ 1272 /2008)

Product contains the following components and may cause an allergic skin reaction: mixture of: 5- chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

The substance may cause sensitization of the skin on particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected, if handled as recommended with suitable precautions for designated uses.



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### Labeling in accordance with EC directives (No 1272 /2008)

#### Emergency overview

IRRITANT Irritating to eyes.

### 3. Composition / Information on Ingredients

**Chemical characterization:** Water borne copolymerisate dispersion.

**Basis:** Acrylic (Methacrylic) Acid Esters copolymer. Plasticizer free.

**Substances** Not applicable

#### Mixtures According to Hazardous Products Regulations (HPR) \*\*\* See below

<u>CAS Number</u>	<u>EC Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
2199756-63-5	639-480-7	0.5 - 1.0 %	Alkyl Ether Sulfate, sodium salt

55965-84-9	0.0 - < 15 PPM	mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2- methyl-2H-isothiazol-3-one (3:1)
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<u>Components</u>	<u>1272/2008 CLP</u>	<u>Hazards Statements</u>
Isothiazol -3-one (3:1)	Acute oral toxicity - Category 4	H 302
	Skin corrosion / irritation - Category 2	H 315
	Serious eye damage / eye irritation - Category 1	H 318
	Skin sensitization - Category 1	H 317
	Acute aquatic toxicity - Category 1	H 400
Alkyl ether sulphate	Causes serious eye damage	H 318

#### Substance of very high concern (SVHC)

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No.1907/2006 (REACH), Article 59)



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### 4. First Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing

##### If inhaled:

Remove the affected individual into the fresh air and keep the person calm. Assist in breathing if Necessary. Immediate medical attention required.

##### If on skin:

Wash affected areas with soap and plenty water. Seek medical attention at need.

##### If in eyes:

Flush with water for at least 15 minutes. Seek medical attention at need.

##### If swallowed:

Immediately rinse mouth and then drink plenty of water. Seek medical attention prompt.

#### Most important symptoms and effect, both acute and delayed

Symptoms: The most important known symptoms and effect are described in the labeling sector

#### Indication of any immediate medical attention and special treatment needed

Treatment by medical

### 5. Fire-Fighting Measures

#### Extinguishing media

Water spray, foam, dry powder.

#### Special hazards arising from substance or mixture



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Hazards during firefighting:

*No hazards known.*

### Advice for fire fighters

Protective equipment:

*Should be equipped with self-contained apparatus.*

### Further information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Fire extinguishing method of surrounded areas must be considered.

## 6. Accidental release measures

### Further accidental release measures:

High risk of slipping due leakage/spillage of product

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid contact with skin and eyes

### Environmental precautions

Do not release untreated into natural waters

### Methods and material for containments and cleaning up

For small amounts: Use absorbent material (e.g. sand, sawdust and some binders)

For large amounts: Pump off product

## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. No special requirements. Use ventilation.

### Conditions for safe storage, including any incompatibilities

Storage conditions:



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*Store protected against freezing*

*Protect from temperature below: 5 °C*

*The packed product decomposed at low temperature or by frost.*

*Protect from temperature above: 50 °C*

*The packed product must be protected of temperature above 50 °C.*

## 8. Exposure Controls / Personal Protection

### Advice on system design

Ensure adequate ventilation.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate

#### Hand protection:

Chemicals resistant protective gloves

#### Eye protection:

Tightly fitting safety chemical goggles

#### General safety and hygiene measures:

Hands and/or face should be washed before breaks and at the end of the shift. Avoid skin and eyes contact.

## 9. Physical and Chemical Properties

Form: Liquid  
Odour: Lowest  
Colour: White  
PH value: Approx. 4.0 -9.0

Information on: Water

Boiling point: 100 °C

Flammability: not flammable

Lower explosion limit: not applicable

Upper explosion limit: not applicable



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Density: Approx. 1.05 g/cm<sup>3</sup> 20 °C  
Relative density: Not date  
Viscosity, dynamic: Approx. 3000 -15000 mPa.s  
Solubility in water: Soluble  
Particle size: 0.1 µm – 10.0 µm

### 10. Stability and Reactivity

#### Reactivity

No hazards reactions if stored and handled as prescribed

#### Corrosion to metal:

Not anticipated

#### Oxidizing properties:

Not fire propagation

#### Chemical Stability

The product is stable if stored and handled as prescribed

#### Possibility of hazardous reactions

No hazardous reactions when stored according to instructions. The product is chemically stable.

#### Conditions to avoid

Avoid extreme heat

#### Incompatible materials

Metal salt

#### Hazardous decomposition products

Decomposition products:

*Hydrocarbons*

Thermal decomposition:

*No decomposition reported*

### 11. Toxicological information

#### Primary route of exposure



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Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity /Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

The statement has been derived from the products or from similar products.

#### Oral

Type of value: LD50

Species: rat

Value :> 2,000 -10,000 mg/kg

#### Inhalation

Type of value: ATE

Value :> 5mg/l

Exposure time: 4h

#### Dermal

Type of value: ATE

Value :> 5,000 mg/kg

#### Assessments other acute effects

Assessment of STOT single:

Based on the available information there is no specific organ toxicity to be expected after single exposure.

#### Irritation / corrosion

Assessment of irritating effects: Irritating to eyes. Not irritating to skin. The product has not been tested. No data of irritation confirmed.

#### Skin

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404





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### Eye

*Information on:* **Alkyl Ether Sulfate, sodium salt**

Species: Rabbit

Result: Risk of damage to eyes

### Sensitization

Assessment of sensitization. The product contain a mixture of 5- chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), (CAS#; 55965-84-9). The substance may cause sensitization of the skin on particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended.

### Aspiration hazards

Not applicable

## **Chronic Toxicity /Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: No adverse effects were observed after repeated exposure in animal studies. The product has not been tested. The statement has been derived from substances/products.

### Genetic toxicity

Assessment of mutagenicity: The substance is not mutagenic. The product has not been tested. The statement has been derived from substances/products.

### Carcinogenicity

Assessment of carcinogenicity: Whole of the information assessable provides no indication of carcinogenetic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: Not expected to cause reproductive toxicity, based on the composition.

### Teratogenicity

Assessment of teratogenicity: Product not tested.

## **12. Ecological Information**



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### Toxicity

#### Toxicity to fish

LC50 (96h) > 100 mg/l (OECD Guideline 203)

#### Aquatic invertebrates

EC50(48h) > 100 mg/l Daphnia magna (OECD Guideline 202,1)

#### Aquatic plants

EC50 (72h) > 100 mg/l Scenedesmus subspicatus (OECD Guideline 201)

### Microorganisms / Effects on activated sludge

#### Toxicity to microorganisms

DIN EN ISO 8192-OECD 209-88/302/EEP,P.C activated sludge, domestic /EC20 (0,5h) : >100mg/l

### Persistence and degradability

#### Assessment biodegradation and elimination (H2O)

The product can be eliminated from water by absorption

#### Elimination information

>70% DOC reduction (OECD302B; ISO 9888; 88/302/EEC) easily eliminated from water.

### Bio cumulative potential

#### Bioaccumulation potential

Based on its structural properties, the polymer is not biologically available. Accumulation in organism is not to be expected.

### Mobility in soil

Assessment transport between environmental compartments

*No data available*

### Additional information

Absorbable organically-bond halogen (AOX)

*No data available*



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Other Ecotoxicological advice:

Do not release into natural water. All the present, no negative effects expected,

### 13. Disposal considerations

**Waste disposal of substances:**

Dispose in a licensed facility. Do not discharge into drains waters.

### 14. Transport Information

**Land transport**

TDG

Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

**Air transport**

IATA/CAO

Not classified as a dangerous good under transport regulations

### 15. Regulatory Information

**Registration status:**

Chemical DSL, CA released/listed

**WHMIS**

**Classification**

D2B: Material Causing Other Toxic Effects  
Toxic Material

**THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND MSDS CONTAINS ALL THE INFORMATION REQUIRED.**

### 16. Other Information

**SDS:** Prepared by ROZACHIM AD



**ROZACHIM AD**

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**SDS:** Prepared on 09 June 2015