

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-Nov-2016

Print date: 18-Nov-2016



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## blaugelb Reiniger PVC-S10 UVA

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

#### 1.1. Product identifier

Trade name/designation:

blaugelb Reiniger PVC-S10 UVA

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

Use of the substance/mixture:

Washing and cleaning products (including solvent based products)

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**Meesenburg Großhandel KG**

Westerallee 162

24941 Flensburg

Germany

**Telephone:** +49 (0)461 5808-2000

**Telefax:** +49 (0)461 5808-1101

**E-mail:** stuttgart@meesenburg.de

**Website:** www.meesenburg.de

#### 1.4. Emergency telephone number

Emergency telephone number München (Deutsch + English), 24h: +49 (0) 89-19240

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids ( <i>Flam. Liq. 2</i> )	H225: Highly flammable liquid and vapour.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	
STOT-single exposure ( <i>STOT SE 3</i> )	H336: May cause drowsiness or dizziness.	

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



**GHS02**  
Flame



**GHS07**  
Exclamation mark.

Signal word: Danger

hazard statements for physical hazards	
H225	Highly flammable liquid and vapour.
hazard statements for health hazards	
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
Supplemental Hazard information (EU)	
EUH066	Repeated exposure may cause skin dryness or cracking.

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### Precautionary statements Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243	Take precautionary measures against static discharge.
P271	Use only outdoors or in a well-ventilated area.

### 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.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.

### 2.3. Other hazards

#### Adverse physicochemical effects:

Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 141-78-6 EC No.: 205-500-4 INDEX No.: 607-022-00-5	ethyl acetate STOT SE 3, Flam. Liq. 2, Eye Irrit. 2 <b>Danger</b> H225-H319-H336-EUH066	60 - 100 Wt %
CAS No.: 61791-31-9 EC No.: 263-163-9	Amides, coco, N,N-bis(hydroxyethyl) Skin Corr. 1B, Acute Tox. 4, Aquatic Acute 1 <b>Danger</b> H302-H314-H400	< 5 Wt %

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

Change contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice.

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.

#### In case of skin contact:

If skin irritation or rash occurs: Get medical advice/attention.

#### After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

#### Self-protection of the first aider:

Use personal protection equipment.

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

Headache,, Serious eye damage/eye irritation Drowsiness Dizziness

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

Where appropriate artificial ventilation. Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media:**

Dry extinguishing powder; alcohol resistant foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media:**

High power water jet

#### 5.2. Special hazards arising from the substance or mixture

In use may form flammable/explosive vapour-air mixture. Combustible

**Hazardous combustion products:**

In case of fire: Gases/vapours, toxic

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Beware of reignition. Remove persons to safety.

**Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

**Emergency procedures:**

Remove all sources of ignition. Remove persons to safety. Provide adequate ventilation.

##### 6.1.2. For emergency responders

**Personal protection equipment:**

Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

**For containment:**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

**Other information:**

Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Wear personal protection equipment (refer to section 8).

**Fire prevent measures:**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

**Advices on general occupational hygiene**

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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### 7.2. Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

#### Packaging materials:

Keep/Store only in original container.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE)	ethyl acetate CAS No.: 141-78-6	① 400 ppm (1,500 mg/m <sup>3</sup> ) ② 800 ppm (3,000 mg/m <sup>3</sup> )

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment



#### Eye/face protection:

Eye glasses with side protection

#### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### 8.2.3. Environmental exposure controls

No data available

### 8.3. Additional information

No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state: liquid

Colour: transparent

Odour: characteristic

#### Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not applicable</i>			
Melting point	-83 °C			
Freezing point	<i>not determined</i>			

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parameter		at °C	Method	Remark
Initial boiling point and boiling range	77 °C			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	-4 °C			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	98.4 hPa	20 °C		
Vapour density	<i>not determined</i>			
Density	0.895	20 °C		
Bulk density	<i>not determined</i>			
Water solubility (g/L)	85.3 g/l	20 °C		
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Can become highly flammable in use.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

Warning! Do not use together with other products. May release dangerous gases (chlorine).

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

Oxidising agent

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
141-78-6	ethyl acetate	<b>LD<sub>50</sub> oral:</b> 5,620 mg/kg (Rat) <b>LD<sub>50</sub> dermal:</b> 18,000 mg/kg (Rabbit)
61791-31-9	Amides, coco, N,N-bis(hydroxyethyl)	<b>LD<sub>50</sub> oral:</b> <2,000 mg/kg (Rat) CESIO

#### Eye damage/irritation:

Causes serious eye irritation.

#### Carcinogenicity:

No indication of human carcinogenicity.

#### STOT-single exposure:

May cause respiratory irritation.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
141-78-6	ethyl acetate	LC <sub>50</sub> : 328 mg/l 4 d LC <sub>50</sub> : 679 mg/l 2 d EC <sub>50</sub> : 2,500 mg/l 3 d
61791-31-9	Amides, coco, N,N-bis(hydroxyethyl)	LC <sub>50</sub> : 1 mg/l 2 d EC <sub>50</sub> : 4 mg/l 2 d

#### 12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
141-78-6	ethyl acetate	Yes, rapidly	
61791-31-9	Amides, coco, N,N-bis(hydroxyethyl)	No	

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
141-78-6	ethyl acetate	—
61791-31-9	Amides, coco, N,N-bis(hydroxyethyl)	—

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

##### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

##### Waste code product:

07 03 04 \* other organic solvents, washing liquids and mother liquors

\*: Evidence for disposal must be provided.

##### Remark:

Special monitoring requiring wastes.

##### Waste code packaging:

15 01 01 paper and cardboard packaging  
15 01 04 Metallic packaging

#### Waste treatment options

##### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package:

Completely emptied packages can be recycled.

#### 13.2. Additional information

No data available

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### SECTION 14: Transport information

Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)	
<b>14.1. UN-No.</b>			
1993	1993	1993	
<b>14.2. UN proper shipping name</b>			
FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	
<b>14.3. Transport hazard class(es)</b>			
 3	 3	 3	
<b>14.4. Packing group</b>			
II	II	II	
<b>14.5. Environmental hazards</b>			
	No		
<b>14.6. Special precautions for user</b>			
<b>Special provisions:</b> So ndervorschrift 640D <b>Limited quantity (LQ):</b> LQ 4 <b>Hazard identification number (Kemler No.):</b> 33 <b>Classification code:</b> F1 <b>tunnel restriction code:</b> D/E <b>Remark:</b>	<b>Special provisions:</b> <b>Limited quantity (LQ):</b> LQ 4 <b>EmS-No.:</b> F-E; S-D <b>Remark:</b>	<b>Special provisions:</b> <b>Limited quantity (LQ):</b> LQ 4 <b>Remark:</b>	

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No data available

### SECTION 15: Regulatory information

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

**15.1.1. EU legislation**

**Other regulations (EU):**

Volatile organic compounds (VOC) content in percent by weight: 99,1%

**15.1.2. National regulations**

 **[DE] National regulations**

**Water hazard class (WGK)**

**WGK:**

nwg - nicht wassergefährdend

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### 15.2. Chemical Safety Assessment

No data available

### 15.3. Additional information

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

**Classification according to Regulation (EC) No 1272/2008 [CLP]:**

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids ( <i>Flam. Liq. 2</i> )	H225: Highly flammable liquid and vapour.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	
STOT-single exposure ( <i>STOT SE 3</i> )	H336: May cause drowsiness or dizziness.	

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.

### 16.6. Training advice

No data available

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.