

# SAFETY DATA SHEET

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

Revision date: 18-Nov-2016

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## blaugelb Reiniger PVC-S20 UVA

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

#### 1.1. Product identifier

Trade name/designation:

blaugelb Reiniger PVC-S20 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.	
Aspiration hazard ( <i>Asp. Tox. 1</i> )	H304: May be fatal if swallowed and enters airways.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	
Acute toxicity (inhalative) ( <i>Acute Tox. 4</i> )	H332: Harmful if inhaled.	
STOT-single exposure ( <i>STOT SE 3</i> )	H336: May cause drowsiness or dizziness.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 2</i> )	H411: Toxic to aquatic life with long lasting effects.	

#### 2.2. Label elements

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

Hazard pictograms:



**GHS02**  
Flame



**GHS07**  
Exclamation mark.



**GHS08**  
Health hazard



**GHS09**  
Environment

Signal word: Danger

#### hazard statements for physical hazards

H225 Highly flammable liquid and vapour.

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### hazard statements for health hazards

H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

### Hazard statements for environmental hazards

H411	Toxic to aquatic life with long lasting effects.
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### 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.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.

### Precautionary statements Response

P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor/.../ if you feel unwell.
P302 + P352.1	IF ON SKIN: Wash with plenty of soap and water.

## 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 [CL P]	Concen- tration
EC No.: 921-024-6 REACH No.: 01-2119475514-35	Kohlenwasserstoffe C6-C7, n-Alkane, Isoalkane, Cyclene, <5% n-Hexan STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2 <b>Danger</b> H225-H304-H315-H336-H411	50 - 100 Wt %
CAS No.: 107-83-5 EC No.: 203-523-4 INDEX No.: 601-007-00-7	2-methylpentane STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2 <b>Danger</b> H225-H304-H315-H336-H411	2.5 - 5 Wt %
CAS No.: 67-63-0 EC No.: 200-661-7 INDEX No.: 603-117-00-0	propan-2-ol STOT SE 3, Flam. Liq. 2, Eye Irrit. 2 <b>Danger</b> H225-H319-H336	> 2 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	> 1 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.

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### 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:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

### After eye contact:

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

### After ingestion:

Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

### Self-protection of the first aider:

Use personal protection equipment.

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

Headache, Drowsiness, Dizziness

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

Where appropriate artificial ventilation. Treat symptomatically.

## 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:

Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen.

##### 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.

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### 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:

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

##### Advices on general occupational hygiene

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

### 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)	propan-2-ol CAS No.: 67-63-0	① 200 ppm (500 mg/m <sup>3</sup> ) ② 400 ppm (1,000 mg/m <sup>3</sup> )

#### 8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① parameter ② Test material ③ Sample time ④ Remark
TRGS 903 (DE)	propan-2-ol CAS No.: 67-63-0	25 mg/L	① Aceton ② Blut ③ Expositionsende bzw. Schichtende
TRGS 903 (DE)	propan-2-ol CAS No.: 67-63-0	25 mg/L	① Aceton ② Urin ③ Expositionsende bzw. Schichtende

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

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

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### 8.2.2. Personal protection equipment



#### Eye/face protection:

Eye glasses with side protection

#### Skin protection:

Tested protective gloves must be worn DIN EN 374

#### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Filtering device with filter or ventilator filtering device of type: AX

### 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: Gasoline

#### Safety relevant basis data

parameter		at °C	Method	Remark
pH	not applicable			
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	76 °C			
Decomposition temperature (°C):	not determined			
Flash point	-1 °C			
Evaporation rate	not determined			
Ignition temperature in °C	245 °C			
Upper/lower flammability or explosive limits	0.7 - 15 Vol-%			
Vapour pressure	100 hPa	20 °C		
Vapour density	not determined			
Density	0.805 g/cm <sup>3</sup>	20 °C		
Bulk density	not determined			
Water solubility (g/L)	not determined			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	0.432 mPa*s	20 °C		
Kinematic viscosity	No data available	40 °C		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Can become highly flammable in use. Combustible

### 10.2. Chemical stability

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

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### 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
	Kohlenwasserstoffe C6-C7, n-Alkane, Isoalkane, Cyclene, <5% n-Hexan	<b>LD<sub>50</sub> oral:</b> 5,000 mg/kg (Rat) (OECD- Prüfrichtlinie 401) <b>LD<sub>50</sub> dermal:</b> 2,000 mg/kg (Rat) (OECD- Prüfrichtlinie 402) <b>LC<sub>50</sub> inhalative:</b> 20 mg/l 4 h (Rat) (OECD- Prüfrichtlinie 403)
67-63-0	propan-2-ol	<b>LD<sub>50</sub> oral:</b> 5,050 mg/kg (Rat) Gigiena i Sanitariya. For English translation, see HYSAAV. Vol. 43(1), Pg. 8, 1978. <b>LD<sub>50</sub> dermal:</b> 12,800 mg/kg (Rabbit) Raw Material Data Handbook, Vol.1: Organic Solvents, 1974. Vol. 1, Pg. 100, 1974.
107-83-5	2-methylpentane	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) OECD-401 <b>LC<sub>50</sub> inhalative:</b> >20 ppmV 2 d (Rat) OECD-403 <b>LD<sub>50</sub> dermal:</b> >3,000 mg/kg (Rat) OECD-402
61791-31-9	Amides, coco, N,N-bis(hydroxyethyl)	<b>LD<sub>50</sub> oral:</b> <2,000 mg/kg (Rat) CESIO

#### Skin corrosion/irritation:

Causes severe skin burns and eye damage.

#### Eye damage/irritation:

Causes serious eye irritation.

#### Carcinogenicity:

No indication of human carcinogenicity.

#### STOT-single exposure:

May cause respiratory irritation.

#### Aspiration hazard:

May be fatal if swallowed and enters airways.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
	Kohlenwasserstoffe C6-C7, n-Alkane, Isoalkane, Cyclene, <5% n-Hexan	<b>LC<sub>50</sub></b> : 11.4 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) (OECD- Prüfrichtlinie 203) <b>EC<sub>50</sub></b> : 30 mg/l 3 d (Pseudokirchneriella subcapitata) (OECD- Prüfrichtlinie 201) <b>EC<sub>50</sub></b> : 3 mg/l 2 d (Daphnia magna (Big water flea)) (OECD- Prüfrichtlinie 202) <b>NOEC</b> : 0.17 mg/l 21 d (Daphnia magna (Big water flea)) <b>LOEC</b> : 0.32 mg/l 21 d (Daphnia magna (Big water flea))
67-63-0	propan-2-ol	<b>LC<sub>50</sub></b> : 9,640 mg/l 2 d Brooke, L.T., D.J. Call, D.L. Geiger, and C.E. Northcott 1984. Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Vol. 1. Center for Lake Superior Environmental Stud., Univ. of Wisconsin-Superior, Superior, WI :414 <b>LC<sub>50</sub></b> : 1,400 mg/l 2 d Blackman, R.A.A. 1974. Toxicity of Oil-Sinking Agents. Mar.Pollut.Bull. 5:116-118
107-83-5	2-methylpentane	<b>LC<sub>50</sub></b> : >1 mg/l 2 d <b>LC<sub>50</sub></b> : 3.5 mg/l 2 d <b>ErC<sub>50</sub></b> : 55 mg/l 3 d
61791-31-9	Amides, coco, N,N-bis(hydroxyethyl)	<b>LC<sub>50</sub></b> : 1 mg/l 2 d <b>EC<sub>50</sub></b> : 4 mg/l 2 d

#### Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
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
	Kohlenwasserstoffe C6-C7, n-Alkane, Isoalkane, Cyclene, <5% n-Hexan	—
67-63-0	propan-2-ol	—
107-83-5	2-methylpentane	—
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

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### 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
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\*: 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

### 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		



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Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)	
<b>14.6. Special precautions for user</b>			
<b>Special provisions:</b> So ndervorschrift 640D <b>Limited quantity (LQ):</b> LQ 4 <b>Hazard identificati on number (Kemler No.):</b> 33 <b>Classification code:</b> F1 <b>tunnel restriction cod e:</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: 98,1%

#### 15.1.2. National regulations

 [DE] National regulations

#### Water hazard class (WGK)

##### WGK:

2 - deutlich wassergefährdend

### 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

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### 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.	
Aspiration hazard ( <i>Asp. Tox. 1</i> )	H304: May be fatal if swallowed and enters airways.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	
Acute toxicity (inhalative) ( <i>Acute Tox. 4</i> )	H332: Harmful if inhaled.	
STOT-single exposure ( <i>STOT SE 3</i> )	H336: May cause drowsiness or dizziness.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 2</i> )	H411: Toxic to aquatic life with long lasting effects.	

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

Hazard statements	
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

### 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.