



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.05.2019


V - 9

Revision: 07.05.2019

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

- **1.1 Product identifier**
- **Trade name:** *S100 Technical Fabric & Leather Wash*
- **Article number:** 2181, 2183, 3475
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Void
- **Application of the substance / the mixture** *Cleaning agent/ Cleaner*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Dr.O.K.Wack Chemie GmbH  
 Bunsenstrasse 6  
 D - 85053 Ingolstadt  
 Tel. +49 841-6350 Fax +49 841-63558  
 www.wackchem.com  
 wack.info@wackchem.com*
- **Further information obtainable from:** *Safety department*
- **1.4 Emergency telephone number:** *During business hours: +49 841 63523*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*Eye Irrit. 2 H319 Causes serious eye irritation.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms**
- 
- **GHS07**
- **Signal word** *Warning*
- **Hazard statements**  
*H319 Causes serious eye irritation.*
- **Precautionary statements**
- *P101 If medical advice is needed, have product container or label at hand.*
- *P102 Keep out of reach of children.*
- *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 Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** *Mixture of the substances with nonhazardous additions.*

(Contd. on page 2)



## Safety data sheet

### according to 1907/2006/EC, Article 31

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V - 9

Revision: 07.05.2019

**Trade name: S100 Technical Fabric & Leather Wash**

(Contd. of page 1)

<b>· Dangerous components:</b>		
CAS: 157627-86-6	Alkohole, C13-15, verzweigt und linear, ethoxyliert Eye Dam. 1, H318; Acute Tox. 4, H302; Aquatic Chronic 3, H412	<20%
CAS: 97489-15-1 EC number: 307-055-2 Reg.nr.: 01-2119489924-20-xxxx	Sulfonic acids, C14-17-sec-alkane, sodium salts Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 15 % Eye Irrit. 2; H319: 10 % ≤ C < 15 %	<10%

· **SVHC** None· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

#### SECTION 4: First aid measures

##### · 4.1 Description of first aid measures

· **General information:** No special measures required.· **After inhalation:** No special measures required.· **After skin contact:**

Rinse with warm water.

Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.· **After swallowing:**

If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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

No further relevant information available.

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

No further relevant information available.

#### SECTION 5: Firefighting measures

##### · 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.· **For safety reasons unsuitable extinguishing agents:** None

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

Formation of toxic gases is possible during heating or in case of fire.

##### · 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained respiratory protective device.

#### SECTION 6: Accidental release measures

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

Particular danger of slipping on leaked/spilled product.

##### · 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

##### · 6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Clean the affected area carefully; suitable cleaners are:

Warm water

##### · 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 3)



## Safety data sheet

### according to 1907/2006/EC, Article 31

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V - 9

Revision: 07.05.2019

**Trade name: S100 Technical Fabric & Leather Wash**

See Section 13 for disposal information.

(Contd. of page 2)

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost.
- **7.3 Specific end use(s)** No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

##### · DNELs

##### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

Oral	DNEL system. effects (long-term)	7.1 mg/kg KG/Tag (Consumer)
Dermal	DNEL local effects (short-term)	28,000 mg/m <sup>2</sup> (Consumer)
		28,000 mg/m <sup>2</sup> (Worker)
Inhalative	DNEL system. effects (long-term)	3.57 mg/kg KG/Tag (Consumer)
		5 mg/kg KG/Tag (Worker)
	DNEL local effects (long-term)	12.4 mg/m <sup>3</sup> (Consumer)
	DNEL system. effects (long-term)	35 mg/m <sup>3</sup> (Worker)

##### · PNECs

##### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

PNEC	0.004 mg/l (Meerwasser)
	0.04 mg/l (fresh water)

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes.  
Use skin protection cream for skin protection.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Nitrile rubber, NBR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the

(Contd. on page 4)



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.05.2019

V - 9

Revision: 07.05.2019

**Trade name: S100 Technical Fabric & Leather Wash**

(Contd. of page 3)

resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Fluid

Colour: Green

- **Odour:** Characteristic

- **Odour threshold:** Not determined

- **pH-value at 20 °C:** 8.5 +/- 0.1

- **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: ca. 98 °C

- **Flash point:** None

- **Flammability (solid, gas):** Not applicable.

- **Ignition temperature:** No further relevant information available.

- **Decomposition temperature:** Not determined.

- **Auto-ignition temperature:** Product is not selfigniting.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Void

Upper: Void

- **Vapour pressure at 20 °C:** 23 hPa

- **Density at 20 °C:** 1.05 +/- 0.02 g/cm<sup>3</sup>

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with water:**

Fully miscible.

- **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**

Dynamic at 20 °C: 110 +/- 40 mPas

Kinematic: Not determined

- **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

(Contd. on page 5)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 07.05.2019

V - 9

Revision: 07.05.2019

**Trade name: S100 Technical Fabric & Leather Wash**

(Contd. of page 4)

- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Store away from oxidising agents.
- **10.6 Hazardous decomposition products:**  
 No decomposition if used and stored according to specifications.  
 In case of fire, the following can be released:  
 Carbon monoxide and carbon dioxide

#### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

##### · LD/LC50 values relevant for classification:

###### 157627-86-6 Alkohole, C13-15, verzweigt und linear, ethoxyliert

Oral	LD50	>300-2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat) (OECD Prüfrichtlinie 402)

###### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

Oral	LD50	>500-2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (mouse)

- **Specific symptoms in biological assay:** Not determined
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
 Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

#### SECTION 12: Ecological information

##### · 12.1 Toxicity

##### · Aquatic toxicity:

###### 157627-86-6 Alkohole, C13-15, verzweigt und linear, ethoxyliert

LC50/96h	1-10 mg/l (Brachydanio rerio)
EC50/72h	1-10 mg/l (Scenedesmus subspicatus)
EC50/48h	>1-10 mg/l (daphnia magna)

###### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

LC50/96h	1-10 mg/l (danio rerio)
EC50/72h	>61 mg/l (Desmodesmus subspicatus)
EC50/48h	9.81 mg/l (daphnia magna)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

(Contd. on page 6)



## Safety data sheet

### according to 1907/2006/EC, Article 31

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V - 9

Revision: 07.05.2019

**Trade name: S100 Technical Fabric & Leather Wash**

(Contd. of page 5)

 · **12.4 Mobility in soil** No further relevant information available.

 · **Additional ecological information:**

 · **General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

 · **12.5 Results of PBT and vPvB assessment**

 · **PBT:** Not applicable.

 · **vPvB:** Not applicable.

 · **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

 · **13.1 Waste treatment methods**

 · **Recommendation** Disposal must be made according to official regulations.

 · **European waste catalogue**

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 30	detergents other than those mentioned in 20 01 29

 · **Uncleaned packaging:**

 · **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

 · **14.1 UN-Number**

 · **ADR, ADN, IMDG, IATA** Void

 · **14.2 UN proper shipping name**

 · **ADR, ADN, IMDG, IATA** Void

 · **14.3 Transport hazard class(es)**

 · **ADR, ADN, IMDG, IATA**

 · **Class** Void

 · **14.4 Packing group**

 · **ADR, IMDG, IATA** Void

 · **14.5 Environmental hazards:**

 · **Marine pollutant:** None

 · **14.6 Special precautions for user**

None

 · **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

 · **Transport/Additional information:**

Not dangerous according to the above specifications.

(Contd. on page 7)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 07.05.2019

V - 9

Revision: 07.05.2019

**Trade name: S100 Technical Fabric & Leather Wash**

(Contd. of page 6)

 · **UN "Model Regulation":** Void

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

 · **Relevant phrases**
*H302 Harmful if swallowed.*
*H315 Causes skin irritation.*
*H318 Causes serious eye damage.*
*H412 Harmful to aquatic life with long lasting effects.*

 · **Classification according to Regulation (EC) No 1272/2008**

*The skin and/or eye classification of this product was derived using bridging principles (such as dilution, interpolation within one hazard category or substantially similar mixtures; with or without expert judgement) following Article 9(3) and Article 9(4) of Regulation (EC) No 1272/2008.*

*DetNet logging number: 258*

 · **Abbreviations and acronyms:**
*Acute Tox. 4: Acute toxicity – Category 4*
*Skin Irrit. 2: Skin corrosion/irritation – Category 2*
*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*
*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*
*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

- **\* Data compared to the previous version altered.**