



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU)  
No. 2015/830

Revision date: 9/1/2019  
Version: 1  
Language: en-GB,IE  
Date of print: 10/6/2020

## WASH YOUR BIKE

Material number 11486

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

#### 1.1 Product identifier

Trade name: WASH YOUR BIKE

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

General use: Cleaning agent

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

Company name: SKS metaplast Scheffer-Klute GmbH

Street/POB-No.: Zur Hubertushalle 4

Postal Code, city: 59846 Sundern

WWW: [www.sks-germany.com](http://www.sks-germany.com)

E-mail: [sales@sks-germany.com](mailto:sales@sks-germany.com)

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Department responsible for information:

E-mail: [sales@sks-germany.com](mailto:sales@sks-germany.com), Telephone: +49 (0) 2933 / 831-0

#### 1.4 Emergency telephone number

Telephone: 844 892 0111 (UK National Poisons Information Service (NPIS))

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Eye Dam. 1; H318 Causes serious eye damage.

#### 2.2 Label elements

##### Labelling (CLP)



Signal word: **Danger**

Hazard statements: H318 Causes serious eye damage.

Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye 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/doctor.



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### Special labelling

Text for labelling: Contains Alcohol C9-11, ethoxylated, < 2,5 EO  
Labelling for contents according to regulation (EC) No 648/2004, annex VII:  
Contains 5% or over but less than 15% non-ionic surfactant  
[www.sks-germany.com](http://www.sks-germany.com)

### 2.3 Other hazards

No risks worthy of mention.

Results of PBT and vPvB assessment:

No data available

## SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

### 3.2 Mixtures

Chemical characterisation:

Mixture of the substances listed below with non-hazardous additions

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. - CAS 68439-46-3	Alcohol C9-11, ethoxylated, < 2,5 EO	5 - 15 %	Acute Tox. 4; H302. Eye Dam. 1; H318.
REACH 01-2119475104-44-xxxx EC No. 203-961-6 CAS 112-34-5	2-(2-Butoxyethoxy)ethanol	5 - 15 %	Eye Irrit. 2; H319.
REACH 01-2119485498-19-xxxx EC No. 207-838-8 CAS 497-19-8	Sodium carbonate	< 5 %	Eye Irrit. 2; H319.

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

Additional information: Labelling for contents according to regulation (EC) No 648/2004, annex VII:  
Contains  
-5% or over but less than 15% non-ionic surfactant

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: First aider: Pay attention to self-protection!  
If medical advice is needed, have product container or label at hand.

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical attention.

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

Causes serious eye damage.



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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

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

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: carbon monoxide and carbon dioxide

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Use a breathing apparatus independent of the ambient air (isolated apparatus) and a full protection outfit (suit) against chemicals.

Additional information: Hazchem-Code: -

Use fine water spray to cool endangered containers.

Do not allow water used to extinguish fire to enter drains, ground or waterways.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

## SECTION 6: Accidental release measures

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

Avoid breathing mist/vapours. Avoid contact with the substance.

If possible, eliminate leakage. Provide adequate ventilation.

Wear appropriate protective equipment. Keep unprotected people away.

Take off contaminated clothing and wash it before reuse.

### 6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

If necessary notify appropriate authorities.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

Never return spills in original containers for re-use.

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.



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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advices on safe handling: Avoid breathing mist/vapours. Avoid contact with the substance.  
If possible, eliminate leakage. Provide adequate ventilation.  
When handling large quantities, supply emergency spray.  
Wear appropriate protective equipment. Keep unprotected people away.  
Take off contaminated clothing and wash it before reuse.  
Have eye wash bottle or eye rinse ready at work place.

Precautions against fire and explosion:

Keep away from heat.  
When handling larger quantities, take precautionary measures against electrostatic charging.

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

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.  
Keep container dry. Keep only in the original container.  
Protect from heat and direct sunlight.  
Store containers in upright position. Protect from frost.  
storage temperature: <50 °C

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

#### 7.3 Specific end use(s)

No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
112-34-5	2-(2-Butoxyethoxy) ethanol	Europe: IOELV: STEL	101.2 mg/m <sup>3</sup> ; 15 ppm
		Europe: IOELV: TWA	67.5 mg/m <sup>3</sup> ; 10 ppm
		Great Britain: WEL-STEL	101.2 mg/m <sup>3</sup> ; 15 ppm
		Great Britain: WEL-TWA	67.5 mg/m <sup>3</sup> ; 10 ppm
		Ireland: 15 minutes	101.2 mg/m <sup>3</sup> ; 15 ppm IOELV
Ireland: 8 hours	67.5 mg/m <sup>3</sup> ; 10 ppm IOELV		

#### 8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

#### Personal protection equipment

##### Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. Use combination filter type ABEK according to EN 14387.  
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.



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- Hand protection: Protective gloves according to EN 374.  
Glove material: Nitrile rubber.  
Breakthrough time: > 480 min  
Layer thickness: 0,35 mm  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to EN 166
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures:  
Avoid breathing mist/vapours. Do not get in eyes, on skin, or on clothing.  
Take off immediately all contaminated clothing and wash it before reuse.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
Have eye wash bottle or eye rinse ready at work place.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Physical state at 20 °C and 101.3 kPa: liquid
- Odour: like oranges
- Odour threshold: No data available
- pH value: 8.5 - 9.5
- Melting point/freezing point: No data available
- Initial boiling point and boiling range: 100 - 233 °C
- Flash point/flash point range: No data available
- Evaporation rate: 0.3 (n-BuAc=1)
- Flammability: No data available
- Explosion limits: No data available
- Vapour pressure: at 20 °C: 23 hPa
- Vapour density: No data available
- Density: at 20 °C: approx. 1 g/mL
- Water solubility: completely miscible
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: not applicable
- Decomposition temperature: No data available
- Viscosity, kinematic: No data available
- Explosive properties: No data available
- Oxidizing characteristics: No data available

### 9.2 Other information

- Additional information: No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Refer to subsection "Possibility of hazardous reactions".

### 10.2 Chemical stability

Stable under recommended storage conditions.



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### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
Protect from frost.

### 10.5 Incompatible materials

Acids, light metals

### 10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.  
ATEmix calculated: > 2,000 mg/kg.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.  
ATEmix calculated: > 2,000 mg/kg.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.  
ATEmix calculated (vapours): > 50,0 mg/L

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: 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.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.



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Other information: Information about Alcohol C9-11, ethoxylated, < 2,5 EO:  
LD50 Rat, oral: 500 mg/kg  
LD50 Rabbit, dermal: > 5000 mg/kg  
LC50, Rat, inhalative: >=50 mg/L/4h  
Information about 2-(2-Butoxyethoxy)ethanol:  
LD50 Rat, oral: 3305 mg/kg  
LD50 Rat, dermal: 2764 mg/kg  
LC50, Rat, inhalative: 50 mg/L  
Information about Sodium carbonate  
LD50 Rat, oral: 4090 mg/kg  
LD50 Rabbit, dermal: > 5000 mg/kg  
LC50, Rat, inhalative: >=50 mg/L/4h

### Symptoms

In case of ingestion: Diarrhoea, nausea, vomiting, headache, gastric spasms, fatigue  
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity: Information about Sodium carbonate:  
Fish toxicity:  
LC50: 300 mg/L/96h  
Daphnia toxicity:  
EC50: 200 - 227 mg/L/48h  
Information about 2-(2-Butoxyethoxy)ethanol:  
Algae toxicity:  
ErC50: > 100 mg/L  
Daphnia toxicity:  
EC50 Daphnia magna (Big water flea): >100 mg/L/48h  
Fish toxicity:  
LC50 Lepomis macrochirus (bluegill): 1300 mg/L/96h  
Bacterial toxicity:  
EC50 Bacteria in activated sludge: 255 mg/L

### 12.2 Persistence and degradability

Further details: The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:  
No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.



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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Waste key number: 07 06 01\* = aqueous washing liquids and mother liquors  
\* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.  
Do not dispose of with household waste.  
Neutralize before disposal.

##### Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.  
Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### 14.1 UN number

ADR/RID, IMDG, IATA-DGR:  
not applicable

#### 14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:  
Not restricted

#### 14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:  
not applicable

#### 14.4 Packing group

ADR/RID, IMDG, IATA-DGR:  
not applicable

#### 14.5 Environmental hazards

Marine pollutant: no

#### 14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

#### 14.7 Transport in bulk according to Annex II of Marpol 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

##### National regulations - Great Britain

Hazchem-Code: -  
No data available





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### National regulations - EC member states

Volatile organic compounds (VOC):

approx. 9 % by weight = 90 g/L

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 55

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

## SECTION 16: Other information

### Further information

Classification procedure:

Eye Dam. 1 H318 Causes serious eye damage.: calculation method

Wording of the H-phrases under paragraph 2 and 3:

H302 = Harmful if swallowed.

H318 = Causes serious eye damage.

H319 = Causes serious eye irritation.

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL: Occupational Exposure Limit Value

AS/NZS: Australian Standards/New Zealand Standards

ATEmix: Acute Toxicity Estimate of mixture

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level

DNEL: Derived no-effect level

EC50: Effective Concentration 50%

EC: European Community

EN: European Standard

EU: European Union

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

LC50: Median lethal concentration

LD50: Lethal dose 50%

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no-effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

TLV: Threshold Limit Value

TRGS: Technical Rules for Hazardous Substances

vPvB: Very persistent and very bioaccumulative

WEL: Workplace Exposure Limit

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### Department issuing data sheet

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Telephone: +49 (0)2173 - 39916-0, Telefax: +49 (0)2173-39916-16  
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