

\* **Kraftreiniger Multi-Clean**

Date revised: 28.10.2021

#

Version: 1 / EU

Master No. MA-211

Date of printing: 22.01.2022

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

### **1.1. Product identifier**

#### **Trade name**

Kraftreiniger Multi-Clean

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

#### **Use of the substance/mixture**

Cleaning material/ Detergent

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

#### **Address/Manufacturer**

MW PARTS GmbH

Industriestr.41

D-28876 Oyten

Telephone no. +49 4207 6950-140

Internet. www.mwparts.com

Information provided by / telephone Reinigungstechnik.

E-Mail

info@mwparts.com

### **1.4. Emergency telephone number**

Giftzentrale Goettingen: +49 551 19240

## **SECTION 2: Hazards identification \*\*\***

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

#### **Classification (Regulation (EC) No. 1272/2008)**

Skin Irrit. 2 H315

Eye Dam. 1 H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

#### **Hazard pictograms**



#### **Signal word**

Danger

#### **Hazard statements \*\*\***

H315 Causes skin irritation.

H318 Causes serious eye damage.

#### **Precautionary statements**

P280.2 Wear protective gloves/eye/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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 or doctor.

#### **Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains \*\*\* Potassium hydroxide;Alcohols, C10-16, ethoxylated;Benzenesulfonic acid, 4-

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C10-13-sec-alkyl derivs., compds. with triethanolamine

**2.3. Other hazards**

The product does not contain PBT/vPvB-substances

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients \*\*\*****Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine**

CAS No.	121617-08-1				
EINECS no.	939-464-2				
Registration no.	01-2119971970-28-0001				
Concentration	>=	1	<	10	%
Skin Corr. 1C	H314				
Eye Dam. 1	H318				
Aquatic Chronic 3	H412				

**Alcohols, C10-16, ethoxylated**

CAS No.	68002-97-1				
EINECS no.	500-213-3				
Concentration	>=	1	<	10	%
Acute Tox. 4	H302				
Skin Irrit. 2	H315				
Eye Dam. 1	H318				
Aquatic Acute 1	H400				

**Potassium hydroxide**

CAS No.	1310-58-3				
EINECS no.	215-181-3				
Registration no.	01-2119487136-33-XXXX				
Concentration	>=	1	<	2	%
Acute Tox. 4	H302				
Skin Corr. 1A	H314				
Met. Corr. 1	H290				

For explanation of abbreviations see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

Wash off immediately with soap and water.

**After eye contact**

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet

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

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

### **5.3. Advice for firefighters**

Cool endangered containers with water spray jet.

## **SECTION 6: Accidental release measures**

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

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

### **6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

### **6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Observe the usual precautions for handling chemicals.

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

Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **7.3. Specific end use(s)**

No information available

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

### **8.1. Control parameters**

#### **Exposure limit values**

##### **Potassium hydroxide**

List EH40

Type WEL

Short term exposure limit 2 mg/m<sup>3</sup>

Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011

### **8.2. Exposure controls**

#### **General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

#### **Respiratory protection**

Not necessary.

#### **Hand protection**

Chemical resistant gloves

Appropriate Material nitrile

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Material thickness	>=	0,6	mm
Breakthrough time		480	min

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid
<b>Colour</b>	slightly milky, cloudy
<b>Odour</b>	almost odourless

**pH value**

Value	11 - 12
Concentration/H <sub>2</sub> O	1 %

**Flash point**

Value	>	100	°C
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**Density**

Value	1,06	g/cm <sup>3</sup>
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**Solubility in water**

Remarks	miscible
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**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

The product is stable.

**10.3. Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

ATE	>	10.000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		
Based on available data, the classification criteria are not met.			

**Acute dermal toxicity**

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

**Acute inhalational toxicity**

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

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### **Skin corrosion/irritation**

evaluation irritant  
The classification criteria are met.

### **Serious eye damage/irritation**

evaluation corrosive  
The classification criteria are met.

### **Sensitization**

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

### **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.

### **Specific Target Organ Toxicity (STOT)**

#### **Single exposure**

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

#### **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**

Product does not contain any organic bound Halogens which could lead to AOX-values. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### **12.1. Toxicity**

#### **Fish toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

#### **Daphnia toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

#### **Algae toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

#### **Bacteria toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

### **12.2. Persistence and degradability**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### **12.3. Bioaccumulative potential**

For this subsection there is no ecotoxicological data available on the product as such.

### **12.4. Mobility in soil**

For this subsection there is no ecotoxicological data available on the product as such.

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

#### **Evaluation of persistence and bioaccumulation potential**

The product does not contain PBT/vPvB-substances

### **12.6. Other adverse effects**

For this subsection there is no ecotoxicological data available on the product as such.

#### **Behaviour in sewers [waste treatment plants]**

When low concentrations are discharged correctly into adapted biological sewage treatment plants,

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disturbance of the degradation activity of activated sludge is not likely.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Completely emptied packagings can be given for recycling.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.

**SECTION 15: Regulatory information \*\*\*****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC \*\*\***

VOC (EU) 0 %

**Ingredients (Regulation (EC) No 648/2004)****less than 5 %: \*\*\***

anionic surfactants, non-ionic surfactants

**Other information**

The product does not contain substances of very high concern (SVHC).

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

**Abbreviations**

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

**CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A

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Skin Corr. 1C

Skin corrosion, Category 1C

Skin Irrit. 2

Skin irritation, Category 2

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.