

\* Sibin AP

Date revised: 13.09.2023

# 8760003961

Version: 6 / GB

Master No. MA-202

Print date: 17.04.2024

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

### **1.1. Product identifier**

**Trade name**

Sibin AP

### **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**

BÜFA Cleaning GmbH &amp; Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-Mail sds-cleaning@buefa.de

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

Poison Information Center Goettingen: +49 551 19240

## **SECTION 2: Hazards identification**

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

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

Skin Corr. 1A H314

Eye Dam. 1 H318

### **2.2. Label elements**

**Labelling according to regulation (EC) No 1272/2008****Hazard pictograms****Signal word**

Danger

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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 disodium metasilicate; sodium hydroxide

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### 2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### sodium hydroxide

CAS No.	1310-73-2			
EINECS no.	215-185-5			
Registration no.	01-2119457892-27-XXXX			
Concentration	>= 50			%
Met. Corr. 1	H290			
Skin Corr. 1A	H314			

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319	>= 0,5 < 2 %
Skin Corr. 1A	H314	>= 5 %
Skin Corr. 1B	H314	>= 2 < 5 %
Skin Irrit. 2	H315	>= 0,5 < 2 %

##### sodium carbonate

CAS No.	497-19-8			
EINECS no.	207-838-8			
Registration no.	01-2119485498-19-XXXX			
Concentration	>= 1	< 10		%
Eye Irrit. 2	H319			

##### disodium metasilicate

CAS No.	6834-92-0			
EINECS no.	229-912-9			
Registration no.	01-2119449811-37-XXXX			
Concentration	>= 1	< 10		%
Skin Corr. 1B	H314			
STOT SE 3	H335			

##### Alcohols, C12-15-branched and linear, ethoxylated, propoxylated (> 2.5 EO/PO)

CAS No.	120313-48-6			
Concentration	>= 0,1	< 1		%
Skin Irrit. 2	H315			
Aquatic Acute 1	H400			
Aquatic Chronic 3	H412			

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. Summon a doctor immediately.

#### After skin contact

Wash off immediately with soap and water.

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**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

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Dry powder, Water spray jet, Foam

**Non suitable extinguishing media**

Full water jet

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

None known

**5.3. Advice for firefighters**

Fire residues must be disposed of in a proper manner.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol. 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**

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**

Avoid dust formation. Provide exhaust ventilation if dust is formed.

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

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide alkali-resistant floor.

Do not store together with: Acids, Aluminium

Keep container tightly closed, cool and dry.

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

No information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limit values**

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**sodium hydroxide**

List	EH40		
Type	WEL		
Short term exposure limit	2	mg/m <sup>3</sup>	

**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals. The following information on personal protective equipment (PPE) is to be understood as a suggestion. The selection of the necessary PPE must be considered by the employer depending on the activities to be carried out and the local conditions. If it is determined during the on-site risk assessment that there is no danger to the employee, there is no need to wear PPE or the scope of the PPE to be used can be adjusted accordingly.

**Respiratory protection**

Use breathing apparatus in dust-laden atmosphere. Short term: filter apparatus, combination filter B-P3

**Hand protection**

Chemical resistant gloves			
Appropriate Material	nitrile		
Material thickness	> 0,35	mm	
Breakthrough time	> 480	min	

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Impermeable protective clothing

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

<b>Physical state</b>	Powder		
<b>Colour</b>	colourless		
<b>Odour</b>	odourless		
<b>Melting point</b>			
Remarks	not determined		
<b>Boiling point</b>			
Remarks	not determined		
<b>Flammability</b>			
evaluation	not determined		
<b>Explosion limits</b>			
Remarks	irrelevant (solid)		
<b>Flash point</b>			
Value	> 100	°C	
<b>Ignition temperature</b>			
Remarks	irrelevant (solid)		
<b>Thermal decomposition</b>			
Remarks	Not relevant		
<b>pH value</b>			
Value	appr. 13,0		
Concentration/H <sub>2</sub> O	1	%	

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**Solubility in other solvents**

not determined

**Octanol/water partition coefficient (log Pow)**

Remarks Not relevant

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks irrelevant (solid)

**Particle characteristics**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks No data available

**Solubility in water**

Remarks miscible

**Bulk density**Bulk density appr. 1100 kg/m<sup>3</sup>**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 against wetness.

**Thermal decomposition**

Remarks Not relevant

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

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

No toxicological data are available.

**Acute dermal toxicity (Components)**

No toxicological data are available.

**Acute inhalative toxicity (Components)**

No toxicological data are available.

**Skin corrosion/irritation**

Corrosive action on the skin and mucous membrane.

**Serious eye damage/irritation**

evaluation strongly corrosive

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**Sensitization (Components)**

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

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity**

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

**Specific Target Organ Toxicity (STOT)**

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****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.

**Octanol/water partition coefficient (log Pow)**

Remarks Not relevant

**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****Results of PBT and vPvB assessment**

The product contains no PBT substances. The product contains no vPvB substances.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects**

After neutralization a reduction in harmful effect can be observed.

**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

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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	1823	1823
14.2. UN proper shipping name	SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID
14.3. Transport hazard class(es)	8	8
14.4. Packing group	II	II
Label		
14.5. Environmental hazards	-	
Limited Quantity	1 kg	1 kg
Transport category	2	
Tunnel restriction code	E	
Hazard id. no.	80	
EmS		F-A, S-B

### Information for all modes of transport

#### 14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### Other information

#### 14.7 Maritime transport in bulk according to IMO instruments

Not relevant

## SECTION 15: Regulatory information

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

#### Ingredients (Regulation (EC) No 648/2004)

less than 5 %:

non-ionic surfactants

#### VOC

VOC (EU) 0 %

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**Other information**

The product does not contain substances of very high concern (SVHC).  
The HSNO Approval Number for this Group Standard is HSR002526.

**Other information**

Not all components are contained in the TSCA inventory.

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information****Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

Skin Corr. 1A	H314	Calculation method
Eye Dam. 1	H318	Calculation method

**Hazard statements listed in Chapter 2/3**

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

**CLP categories listed in Chapter 2/3**

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
Eye Irrit. 2	Eye irritation, Category 2
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

**Abbreviations**

PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
GGVSee: Gefahrgutverordnung See  
IMDG: International Maritime Code for Dangerous Goods  
CAS: Chemical Abstracts Service  
EAK: Europäischer Abfallkatalog  
EINECS: European Inventory of Existing Commercial Chemical Substances  
VOC: Volatile Organic Compound  
GefStoffV: Gefahrstoffverordnung  
TA Luft: Technische Anleitung zur Reinhaltung der Luft  
INCI: International Nomenclature of Cosmetic Ingredients  
n.a.g.: nicht anders genannt  
MAK: Maximale Arbeitsplatz-Konzentration  
AGW: Arbeitsplatzgrenzwert  
BGW: Biologischer Grenzwert  
TRGS: Technische Regeln für Gefahrstoffe  
OEL: Occupational exposure limit  
SUVA: Schweizerische Unfallversicherungsanstalt  
WEL: Workplace exposure limit  
MAC: Maximale aanvaarde concentratie (Netherlands)



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MEL: Maximum exposure limits

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

LLC: Lowest lethal concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

SVHC: Substances of very high concern

DNEL: Derived no effect level

DMEL: Derived minimal effect level

PNEC: Predicted no effect concentration

PEC: Predicted environmental concentration

GHS: Globally Harmonized System of classification and Labelling of Chemicals

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

UN: United Nations

EG: Europäische Gemeinschaft

EWG: Europäische Wirtschaftsgemeinschaft

EU: European Union

HSNO: Hazardous Substances and New Organisms Act (New Zealand)

ATE: Acute Toxicity Estimate

STOT: Specific Target Organ Toxicity

**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.