

## Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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

#### 1.1. Product identifier

Trade name/designation:

**STABILEX SUPER**

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

Use of the substance/mixture:

Industrial uses

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**ALBILEX GmbH & Co. KG**

Achtzehnmorgenweg 3

61250 Usingen

**Telephone:** +49-6081-10400

**Telefax:** +49-6081-104040

**E-mail:** info@albilex.de

**Website:** www.albilex.de

#### 1.4. Emergency telephone number

Notfallauskunft: The Emergency telephone is available during Europaen time zone office time between 8 am and 5 pm on working days., +49-6081-10400 (Only available during office hours.)

### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	

#### Additional information:

Additional information: Concentrated solution toxic for aquatic life due to pH-shift

#### 2.2. Label elements

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

Hazard pictograms:



**GHS07**

Exclamation mark.

Signal word: Warning

#### hazard statements for health hazards

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Supplemental Hazard information (EU): -

#### Precautionary statements Prevention

P280.4	Wear protective gloves/protective clothing and eye/face protection.
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**Precautionary statements Response**

P302 + P352.1	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.
P312.2	Call a doctor if you feel unwell.

**2.3. Other hazards**

**Adverse human health effects and symptoms:**

Irritating to eyes and skin.



**SECTION 3: Composition / information on ingredients**

**3.2. Mixtures**

**Description:**

Saurer Reiniger, enthält Phosphorsäure, Tensid und Hilfsstoffe

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CL P]	Concentration
CAS No.: 7664-38-2 EC No.: 231-633-2 REACH No.: 01-2119485924-24-XXXX	<b>orthophosphoric acid</b> Skin Corr. 1B  <b>Danger</b> H314	0 - 20 %
CAS No.: 812-00-0 EC No.: 212-379-1	<b>methyl dihydrogen phosphate</b> Skin Corr. 1B  <b>Danger</b> H314	0 - 10 %

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

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information:**

Move victim out of danger zone.

**Following inhalation:**

Remove casualty to fresh air and keep warm and at rest.

**In case of skin contact:**

After contact with skin, wash immediately with plenty of water and soap.

**After eye contact:**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion:**

Let water be drunken in little sips (dilution effect).

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

Irritating to eyes and skin.

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

Irritating to eyes and skin.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media:**

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn.

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

In case of fire may be liberated: Phosphorus oxides Corrosive vapours of acid.

**5.3. Advice for firefighters**

Use appropriate respiratory protection.

**5.4. Additional information**

Higher amounts of product in fire water, it must neutralized with sodium hydroxide.

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## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

**Personal precautions:**

Remove persons to safety. Wear personal protection equipment.

#### 6.1.2. For emergency responders

No data available

### 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 cleaning up:**

Pump away bigger amounts. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wash with plenty of water.

### 6.4. Reference to other sections

No data available

### 6.5. Additional information

No data available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Measures to prevent aerosol and dust generation

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

**Requirements for storage rooms and vessels:**

Keep container tightly closed. Suitable material for Container: Polyethylene Polypropylen

**Hints on storage assembly:**

Do not store together with: Base

### 7.3. Specific end use(s)

**Recommendation:**

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)	orthophosphoric acid CAS No.: 7664-38-2	① 2 mg/m <sup>3</sup> ② 4 mg/m <sup>3</sup> ⑤ (einatembare Fraktion)
IOELV (EU)	orthophosphoric acid CAS No.: 7664-38-2	① 1 mg/m <sup>3</sup> ② 2 mg/m <sup>3</sup>

#### 8.1.2. biological limit values

No data available

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

No data available

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## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No data available

### 8.2.2. Personal protection equipment

#### Eye/face protection:

Tightly sealed safety glasses. oder Face protection shield

#### Skin protection:

Suitable material: NBR (Nitrile rubber) Butyl caoutchouc (butyl rubber)

Thickness of the glove material: 0,4 mm; 0,7 mm

Breakthrough time (maximum wearing time): > 8h

#### Respiratory protection:

Suitable respiratory protection apparatus: B2

#### Other protection measures:

Protective clothing: Chemical resistant safety shoes Chemical protection clothing acid-resistant

General health and safety measures: When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

### 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:** colourless

**Odour:** characteristic

#### Safety relevant basis data

parameter		at °C	method	Remark
pH	1	20 °C		
Melting point/freezing point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	100 °C			pressure: 1013 mbar
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	1 - 1.1 g/cm <sup>3</sup>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	12.9 - 13.1 s	20 °C	DIN 53211	
Kinematic viscosity	<i>not determined</i>			

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Materials to avoid Alkali (Iye); Hypochlorit; The product develops hydrogen in an aqueous solution in contact with metals.

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## 10.2. Chemical stability

No data available

## 10.3. Possibility of hazardous reactions

The product develops hydrogen in an aqueous solution in contact with metals.

## 10.4. Conditions to avoid

The product develops hydrogen in an aqueous solution in contact with metals.

## 10.5. Incompatible materials

Alkali (lye); Hypochlorit; The product develops hydrogen in an aqueous solution in contact with metals.

## 10.6. Hazardous decomposition products

In case of fire may be liberated: Phosphorus oxides Corrosive vapours of acid.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
7664-38-2	orthophosphoric acid	LD <sub>50</sub> oral: 1,500 mg/kg (Ratte) LD <sub>50</sub> dermal: 2,740 mg/kg (Kaninchen) LC <sub>50</sub> inhalative: 0.85 mg/l 1 h (Ratte)

#### Skin corrosion/irritation:

Causes skin irritation.

Causes serious eye irritation.

#### Additional information:

Other information: Die Daten gelten für Phosphorsäure 75%. Exakte Daten zur Toxikologie der Zubereitung liegen nicht vor.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Aquatic toxicity:

Concentrated solution toxic for aquatic life due to pH-shift

#### Effects in sewage plants:

After neutralization all organic components are readily biodegradable.

### 12.2. Persistence and degradability

#### Additional information:

Further ecological information: **P:A-Stabilex-Super\_Eliminat.**

### 12.3. Bioaccumulative potential

#### Accumulation / Evaluation:

Additional information: There are no data available on the mixture itself.

### 12.4. Mobility in soil

There are no data available on the mixture itself.

### 12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
7664-38-2	orthophosphoric acid	—
812-00-0	methyl dihydrogen phosphate	—

There are no data available on the mixture itself.

### 12.6. Other adverse effects

Chemical oxygen demand (COD): 13 mg/g Verdünnung 1 : 1000

Further ecological information: There are no data available on the mixture itself.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Only give to sewage system after neutralization.

#### Waste treatment options

#### Appropriate disposal / Package:





Wash with water and give to pastic recycling.

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**13.2. Additional information**

No data available

**SECTION 14: Transport information**

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN-No.</b>			
1805	1805	1805	1805
<b>14.2. UN proper shipping name</b>			
Phosphorsäure	PHOSPHORIC ACID SOLUTION	Phosphorsäure	Phosphorsäure
<b>14.3. Transport hazard class(es)</b>			
 8	 8	 8	 8
<b>14.4. Packing group</b>			
III		III	III
<b>14.5. Environmental hazards</b>			
No data available			
<b>14.6. Special precautions for user</b>			
<b>Hazard identification number (Kemler No.):</b> 80 <b>Classification code:</b> - <b>Remark:</b> Classification code: C1	<b>Classification code:</b> -	<b>Remark:</b> EmS-No.: 8-08 MFAG: 700	

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No data available

**Additional information:**

Keep away from food, drink and animal feedingstuffs.

**SECTION 15: Regulatory information**

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

**15.1.1. EU legislation**

No data available

**15.1.2. National regulations**

 [DE] National regulations

**Water hazard class (WGK)**

**WGK:**

1 - schwach 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

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## 16.2. Abbreviations and acronyms

No data available

## 16.3. Key literature references and sources for data

No data available

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

Hazard statements	
H314	Causes severe skin burns and eye damage.

## 16.6. Training advice

No data available

## 16.7. Additional information

The data presented here correspond to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.