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

### 1.1 Product identifier

Trade name/designation WEISS ESL

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

No data available

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

#### Manufacturer

WEISS Steinpflegeprodukte

Wiesing 20a

AUSTRIA-5143 Feldkirchen

E-mail: info@weiss.sc

Dept. responsible for information: Labor

Information telephone: +43 7748 32271

E-mail (competent person): dsd@weiss.sc

### 1.4 Emergency telephone number

Poison Information Center: +44 845 4647, +44 8454 24 24 24

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

#### health hazards

Skin Corr. 1A

#### hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

#### hazard statements for health hazards

H318 Causes serious eye damage.

### 2.2 Label elements

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

#### Hazard pictograms



GHS05

#### Signal word

Danger

#### Hazard statements

##### Hazard statements for physical hazards:

H290 May be corrosive to metals.

##### hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

#### Precautionary statements

##### General:

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

P102 Keep out of reach of children.

##### Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

**Response:**

P301+ P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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/doctor/.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

**Product identifiers**

sodium-hydroxide

**Special rules on packaging**

Child-resistant fastenings (EN/862/ISO 8317). Tactile warning according to EN/ISO 11683.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

not applicable

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

**3.1/3.2 Substances/Mixtures**

**Hazardous ingredients**

sodium-hydroxide

<15 %

CAS 1310-73-2

EC 215-185-5

INDEX 011-002-00-6

Skin Corr. 1A, H314

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

Remove contaminated, saturated clothing immediately.

**Following inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

**Following skin contact**

Water

Subsequently wash off with:

**After eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

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

**Effects**

This information is not available.

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

**Notes for the doctor**

This information is not available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Extinguishing powder

Sand

Water

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

#### Hazardous combustion products

No data available

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

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## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

##### Emergency procedures

Remove persons to safety.

##### Personal precautions

Use personal protection equipment.

#### For emergency responders

##### Personal protection equipment

Use appropriate respiratory protection. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### 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 containment

##### Suitable material for taking up

Sand

Universal binder

Sawdust

#### For cleaning up

##### Suitable material for diluting or neutralizing

Water

### 6.4 Reference to other sections

Personal protection equipment: see section 8

Safe handling: see section 7

Disposal: see section 13

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Work in well-ventilated zones or use proper respiratory protection. Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes.

#### Protective measures

##### Advices on safe handling

Use only in well-ventilated areas.

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## 7.2 Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep container tightly closed.

### Hints on joint storage

#### Materials to avoid

Do not store together with:

Acid

#### Further information on storage conditions

Keep locked up and out of reach of children. Keep only in the original container in a cool, well-ventilated place.

#### storage temperature

Value >5 - <40 °C

## 7.3 Specific end use(s)

No data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

CAS No.	Substance name	LTV	STV	remark
1310-73-2	Sodium hydroxide		2 mg/m <sup>3</sup>	
				Great Britain (UK)

LTV = long-term occupational exposure limit value

STV = short-term occupational exposure limit value

source: GESTIS International Limit Values (<http://limitvalue.ifa.dguv.de/>)

Monitoring and observation processes: GESTIS Analytical Methods (<http://amcaw.ifa.dguv.de/>)

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

##### Suitable eye protection

Eye glasses

##### Skin protection

##### Suitable gloves type

Disposable gloves

##### Suitable material

Butyl caoutchouc (butyl rubber)

FKM (fluoro rubber)

NBR (Nitrile rubber)

#### remark

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough times and swelling properties of the material must be taken into consideration.

#### Respiratory protection

insufficient ventilation

Respiratory protection necessary at:

prolonged exposure

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

#### Physical state

liquid

#### Colour

amber

#### Odour

odourless

		parameter	Method - source - remark
pH	14	Temperature 20 °C	
Melting point/freezing point			not determined
Initial boiling point and boiling range	>90 °C		
Flash point (°C)			not applicable
Evaporation rate			not determined
flammability			not applicable
Upper explosion limit			not applicable
lower explosion limit			not applicable
Vapour pressure			not determined
Vapour density			not determined
Relative density	ca. 1,1 g/cm <sup>3</sup>	Temperature 20 °C	Density
Fat solubility (g/L)			not determined
Water solubility (g/L)			completely miscible
Soluble (g/L) in			not determined
Partition coefficient: n-octanol/water			not determined
Auto-ignition temperature			not applicable
Decomposition temperature			not determined

### 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

### 10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

No information available.

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### 10.5 Incompatible materials

#### Materials to avoid

Exothermic reaction with:  
acids

### 10.6 Hazardous decomposition products

No information available.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Acute oral toxicity

**ingredient** sodium-hydroxide

**Acute oral toxicity** 2000 mg/kg

##### Effective dose

LD50:

##### Species:

Rat

#### skin corrosion/irritation

##### Assessment/classification

Corrosive. Causes severe skin burns and eye damage.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Additional ecotoxicological information

##### Additional information

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

##### Assessment/classification

No data available

### 12.2 Persistence and degradability

##### Assessment/classification

No data available

### 12.3 Bioaccumulative potential

##### Assessment/classification

No data available

### 12.4 Mobility in soil

##### Assessment/classification

not determined

### 12.5 Results of PBT and vPvB assessment

not applicable

### 12.6 Other adverse effects

No information available.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal / Package

Recycle according to official regulations.

**Waste code packaging** 161001

**hazardous waste** Yes.

**Waste name**

aqueous liquid wastes containing hazardous substances

**SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	1719	1719	1719
14.2 Proper Shipping Name	CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide)	CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide)	Caustic alkali liquid, n.o.s. (sodium hydroxide)
14.3 Class(es)	8	8	8
14.4 Packing group	II	II	II
14.5 ENVIRONMENTALLY HAZARDOUS	No	No	No
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable	not applicable	not applicable

**Additional information - Land transport (ADR/RID)**

<b>Hazard label(s)</b>	8
<b>Classification code</b>	C5
<b>Limited quantity (LQ)</b>	1 L
<b>Hazard identification number (Kemler No.)</b>	80
<b>tunnel restriction code</b>	E
<b>transport category</b>	2

**Additional information - Air transport (ICAO-TI / IATA-DGR)**

<b>Limited quantity (LQ)</b>	0,5
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**SECTION 15: Regulatory information**

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

**15.2 Chemical Safety Assessment**

No data available

**SECTION 16: Other information**