

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Ultraclean SPX

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

Use of substance / mixture: Ultrasonic cleaning detergent

1.3. Details of the supplier of the safety data sheet

Company name: Ultrawave Limited
Eastgate business Park
Wentloog Avenue
Cardiff
CF3 2EY
UK

Telephone: 0845 330 4236

Email: admin@ultrawave.co.uk

1.4. Emergency telephone number

Emergency Telephone: 0845 330 4236 (Office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Skin Corr. 1A: H314

Most important adverse effects: Harmful if swallowed. Causes severe skin burns and eye damage.

2.2. Label elements

Label Elements:

Hazard statements: H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage.

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P280: Wear protective gloves/clothing and eye/face protection.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P311: Call a doctor
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Haz ingredients (label) SODIUM HYDROXIDE, POTASSIUM HYDROXIDE

2.3 Other Hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

SODIUM HYDROXIDE - REACH registered number(s): 01-2119457892-27-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|-----------|-----------|---------------------|---------|
| 215-185-5 | 1310-73-2 | - | Skin Corr. 1A: H314 | 10-30% |

POTASSIUM HYDROXIDE - REACH registered number(s): 01-2119487136-33-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|-----------|-----------|---|---------|
| 215-181-3 | 1310-58-3 | - | Acute Tox. 4: H302; Skin Corr. 1A:H314 | 10-30% |

Section 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------|---|
| Skin contact: | Remove contaminated clothing immediately and rinse skin with plenty of water. |
| Eye contact: | Bathe the eye with running water for 15 minutes. Get medical attention immediately. |
| Ingestion: | Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Obtain medical attention. |
| Inhalation: | Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. |

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

| | |
|-------------------------------------|---|
| Skin contact: | Blistering may occur. May cause serious chemical burns to the skin. |
| Eye contact: | Corneal burns may occur. May cause permanent damage. |
| Ingestion: | May cause chemical burns in mouth, oesophagus and stomach. |
| Inhalation: | There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. |
| Delayed / immediate effects: | Immediate effects can be expected after short-term exposure. |

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.
Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

SODIUM HYDROXIDE

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|---------------------|------------|--------------|
| UK | | 2 mg/m ³ | - | - |

POTASSIUM HYDROXIDE

| | | | | |
|----|---|---------------------|---|---|
| UK | - | 2 mg/m ³ | - | - |
|----|---|---------------------|---|---|

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal use conditions

Hand protection: Protective gloves.

Eye protection: Safety glasses or safety goggles.

Skin protection: Wear suitable protective clothing as protection against splashing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Straw

Odour: Characteristic odour

Solubility in water: Soluble

Viscosity: Non-viscous

pH: 14

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SODIUM HYDROXIDE

| | | | | |
|-----|-----|------|-----|-------|
| IPR | MUS | LD50 | 40 | mg/kg |
| ORL | RBT | LDLO | 500 | mg/kg |

POTASSIUM HYDROXIDE

| | | | | |
|-----|-----|------|-----|-------|
| ORL | RAT | LD50 | 273 | mg/kg |
|-----|-----|------|-----|-------|

Relevant effects for mixture:

| Hazard | Route | Basis |
|-------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4) | ING | Hazardous: calculated |
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: Blistering may occur. May cause serious chemical burns to the skin.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: May cause chemical burns in mouth, oesophagus and stomach.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No additional information available

12.3. Bioaccumulative potential

Bioaccumulative potential: This product is not bioaccumulating.

12.4. Mobility in soil

Mobility: Soluble in water

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. Toxicity

UN number: UN1719

14.2. Persistence and degradability

Shipping name: CAUSTIC ALKALI LIQUID, N.O.S.
(CONTAINS SODIUM HYDROXIDE & POTASSIUM HYDROXIDE)

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing Group: II

14.5. Environmental hazards

Environmentally hazardous: No
Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.
Tunnel code: E
Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Regulation (EC) No. 1907/2006 - REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals)

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.