

MATERIAL SAFETY DATA SHEET

Ultrasonic Cleaner

Unit 6 Oakdale Trading Estate
Ham Lane
Kingswinford
DY6 7JH

Telephone Number: 01562 755884
Emergency Number: 07785 337988

Registered No: 8088650

info@chemi-kal.co.uk

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

Version 5: 26/10/2021

1.1. Product identifier

Product name: ULTRASONIC CLEANER

Produce Code: M194

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

1.3 Details of the supplier of the safety data sheet: Worcestershire Chemicals

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP

2.2 Label elements: This product has no label elements

2.3 Other hazards; PBT: this product is not identified as a PBT/vPvB substance

Section 3: Composition/informatin on ingredients

3.2 Mixtures

Hazardous Ingredients:

SODIUM HYDROXIDE

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

TELA90

203-049-8	102-71-6	-	-	1-10%
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DISODIUM METASILICATE

229-912-9	6834-92-0	-	Skin Corr. 1B: H314; STOT SE 3:H335	1-10%
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Section 4: First Aid Measures

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Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye Contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting, give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is ok, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure, ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

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

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

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

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 combustion emits toxic fumes.

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: Notify the police and fire brigade immediately. If outside keep bystanders

upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific

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substance. 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

Section 7: Handling and Storage

7.1 Precautions for safe handling

Handling requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

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	-	-

DNEL/PNEC Values

DNEL/PNEC No data available

8.2 Exposure Controls

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand Protection: Impermeable gloves

Eye Protection: Tightly fitting safety goggles, ensure eye bath is to hand.

Skin Protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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State: Liquid
Colour: Colourless
Odour: Characteristic odour
Evaporation Rate: Slow
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

10.2 Chemical Stability

Chemical Stability: Stable under normal conditions

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Conditions to avoid: Heat

10.5 Incompatible materials

Materials to avoid: Strong oxidizing 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

TELA90

ORL	RAT	LD50	>2000	mg/kg
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DISODIUM METASILICATE

ORL	MUS	LD50	770	mg/kg
ORL	RAT	LD50	1153	mg/kg

Toxicity values: No data available

Symptoms/routes of exposure:

Skin Contact: Blistering may occur, progressive ulceration will occur if treatment is not immediate.

Eye Contact: Corneal burs ma occur, may cause permanent damage

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

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

Section 12: Ecological Information:

12.1 Toxicity

Hazardous Ingredients:

TELA90

FISH	96H LC50	>1	mg/l
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12.2 Persistence and degradability:

Persistence and degradability: Biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential

12.4 Mobility in Soil

Mobility: Readily absorbed into soil

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: Negligible ecotoxicity.

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal Considerations:

13.1 Waste Treatment methods

Disposable operations: Transfer to a suitable container and arrange for collection by specialized disposal company.

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

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disposal.

Section 14: Transport Information:

14.1 UN number:

UN number: UN1824

14.2 UN proper shipping name:

Shipping name: SODIUM HYDROXIDE SOLUTION

14.3 Transport hazard class(es)

Transport class: 8

14.4 Packing group:

Packing group: 11

14.5 Environmental hazards

Environmentally hazardous: No

Marine Pollutant: No

14.6 Special precautions for user

Section 15 Regulatory Information

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

15.2 Chemical Safety Assessment

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

*Indicates text in the SDS which has changed since the last revision.

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

H335: May cause respiratory irritation.

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.