



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

1.1 Product Identifier

Product name: XS2

Product code: C29XX

Synonyms: -

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

Use of substance / mixture: Stone stain removal poultice

1.3 Details of the supplier of the safety data sheet

Company name: Stone Tech (Cleveland) Ltd.
Lee Road
Bolckow Industrial Estate
Middlesbrough
TS6 7AR
United Kingdom

Telephone: 01642 430 099

Email: info@stone-tech.co.uk

1.4 Emergency telephone number

Telephone: 01642 430 099

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H318; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.



2.2 Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.
H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P260: Do not breathe spray.
P262: Do not get in eyes, on skin, or on clothing.
P305+351+388: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.

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:



2-BUTOXY EHTANOL

REACH registered number(s):	01-2119475108-36-XXXX
EINECS:	203-905-0
CAS:	111-76-2
PBT / WEL:	-
CLP classification:	Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H312; Acute Tox. 4: H302
Percent:	10-30%

DISODIUM METASILICATE

REACH registered number(s):	01-2119449811-37-XXXX
EINECS:	229-912-9
CAS:	6834-92-0
PBT / WEL:	-
CLP classification:	Skin Corr. 1B: H314; STOT SE 3: H335
Percent:	1-10%

PRIMARY ALCOHOL ETHOXYLATE CD916

REACH registered number(s):	01-2119980051-45-XXXX
EINECS:	-
CAS:	68439-45-2
PBT / WEL:	-
CLP classification:	Acute Tox. 4: H302; Eye Dam. 1: H318
Percent:	1-10%



TRIETHANOLAMINE

REACH registered number(s):	01-2119486492-31-XXXX
EINECS:	203-049-8
CAS:	102-71-6
PBT / WEL:	Substance with a community workplace exposure limit.
CLP classification:	-
Percent:	1-10%

DIMETHYL C12-C14 ALKYL BETAINES

REACH registered number(s):	-
EINECS:	266-368-1
CAS:	66455-29-6
PBT / WEL:	-
CLP classification:	Skin Irrit. 2: H315; Eye Irrit. 2: H319
Percent:	1-10%

TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE

REACH registered number(s):	01-2119457892-27-XXXX
EINECS:	200-573-9
CAS:	64-02-8
PBT / WEL:	-
CLP classification:	Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Dam. 1: H318
Percent:	1-10%

Section 4: First aid measures

4.1 Description of first aid measures



Skin contact:	Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. 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

Immediate / special treatment:	Eye bathing equipment should be available on the premises.
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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.
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5.2 Special hazards arising from the substance or mixture

Exposure hazards:	In combustion emits toxic fumes. Water based product. Advice relates to dry residues after water has evaporated.
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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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. 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. Contain the spillage using bunding.

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. Wash the spillage site with large amounts of water.

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 direct contact with 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)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25ppm	50ppm	-	-

Hazardous ingredients:

2-BUTOXY ETHANOL

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25ppm (Sk)	50ppm (Sk)	-	-

TRIETHANOLAMINE

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m ³ (no std.)	-	-	-

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:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.



Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Yellow
Odour:	Sweet-smelling
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Highly soluble
Viscosity:	Non-viscous
Boiling point / range °C:	100-172
Melting point / range °C:	0
Flammability limits % lower:	1.1
Flammability limits % upper:	10.6
Flash point °C:	>70
Part. coeff. n-octanol / water:	No data available.
Autoflammability °C:	>230
Vapour pressure:	Not applicable.
Relative density:	1.050
pH:	11-12
VOC g/l	140

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. Decomposition may occur on exposure to conditions or materials listed below.

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

Hazardous decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients:

2-BUTOXY ETHANOL

Route	Species		
ORL	RAT	LD50	1746 mg/kg



DISODIUM METASILICATE

Route	Species		
ORL	RAT	LD50	1280 mg/kg

PRIMARY ALCOHOL ETHOXYLATE CD916

Route	Species		
IHL	RAT	LC50	>5 mg/l
ORL	RAT	LD50	200-2000 mg/kg
SKN	RAT	LD50	>2000 mg/kg

TRIETHANOLAMINE

Route	Species		
ORL	RAT	LD50	>2 g/kg
SKN	RBT	LD50	>10 g/kg

DIMETHYL C12-C14 ALKYL BETAINES

Route	Species		
ORL	RAT	LD50	>2000 mg/kg

TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE

Route	Species		
DERMAL	GPG	LD50	5000 mg/kg
ORL	RAT	LD50	3030 mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage / irritation	OPT	Hazardous: calculated



Symptoms / routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eye may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. 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

Hazardous ingredients:

2-BUTOXY ETHANOL

Species		
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	1474 mg/l

DISODIUM METASILICATE

Species		
Daphnia magna	48H EC50	216 mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC50	210 mg/l

PRIMARY ALCOHOL ETHOXYLATE CD916

Species		
FISH	96H LC50	1-10 mg/l

TRIETHANOLAMINE

Species		
FISH	48H EC50	1390 mg/l
FISH	96H LC50	>5000 mg/l



TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE

Species

FISH	96H LC50	>100 mg/l
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12.2 Persistence and degradability

Persistence and degradability: Biodegradable. 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

Bioaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil

Mobility: Readily absorbed into soil. Volatile. Soluble in water. Vapour is heavier than air.

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

Other adverse effects: Negligible ecotoxicity.



Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations:	Flush down sewerage drain with copious amounts of water.
Recovery operations:	Not applicable.
Waste code number:	20 01 30
Disposal of packaging:	Dispose of as normal industrial waste. Clean with water.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class:	This product does not require a classification for transport.
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Section 15: Regulatory information

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

Specific regulations:	Not applicable.
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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.
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Section 16: Other information

Other information

Other information:	<p>This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.</p> <p>Reason for last issue number change-reviewed for correctness.</p> <p>Custom commodity code (TARIC) 3402 90 90</p> <p>IMPORTANT NOTE:</p> <p>Risk phases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.</p> <p>See sections 2 and 3 for the calculated hazard and risk phrases for the blended product.</p>
Phrases use in s.2 and s.3:	<p>H302: Harmful if swallowed.</p> <p>H312: Harmful in contact with skin.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H315: Causes skin irritation.</p> <p>H318: Causes serious eye damage.</p> <p>H319: Causes serious eye irritation.</p> <p>H332: Harmful if inhaled.</p> <p>H335: May cause respiratory irritation.</p>
Legal disclaimer:	<p>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. For professional and industrial use only.</p>