



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

1.1 Product Identifier

Product name: XS3

Product code: C30XX

Synonyms: -

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

Use of substance / mixture: Mortar spill remover.

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 CHIP: Xi: R36/37/38

Classification under CLP: Skin Corr. 1A: H314; STOT SE 3: H335

Most important adverse effects: Irritating to eyes, respiratory system and skin.



2.2 Label elements

Label elements under CLP:

Hazard statements: H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children.
P260: Do not breathe vapours.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: 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.

Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

Safety phrases: S2: Keep out of the reach of children.
S23: Do not breathe vapour.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39: Wear suitable gloves and eye / face protection.
S46: If swallowed, seek medical advice immediately and show this container or label.

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:

HYDROCHLORIC ACID

REACH registered number(s):	-
EINECS:	231-595-7
CAS:	-
CHIP classification:	C: R34; Xi: R37
CLP classification:	Skin Corr. 1B: H314; STOT SE 3: H335
Percent:	10-30%

Non-classified ingredients:

PRIMARY ALCOHOL ETHOXYLATE

REACH registered number(s):	-
EINECS:	-
CAS:	68439-45-2
CHIP classification:	Xn: R22; Xi: R41
CLP classification:	Acute Tox. 4: H302; Eye Dam. 1: H318
Percent:	<1%

TRIETHANOLAMINE

REACH registered number(s):	-
EINECS:	203-049-8
CAS:	68439-45-2
CHIP classification:	-
CLP classification:	-
Percent:	<1%

Section 4: First aid measures



4.1 Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. 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. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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 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 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: No data available.

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:	Colourless
Odour:	Pungent
Evaporation rate:	Slow
Solubility in water:	Highly soluble
Viscosity:	Non-viscous
Boiling point / range °C:	90-100
Melting point / range °C:	0
Flammability limits % lower:	Not applicable.
Flammability limits % upper:	Not applicable.
Flash point °C:	Not applicable.
Part. coeff. n-octanol / water:	No data available.
Autoflammability °C:	Not applicable.
Vapour pressure:	Not applicable.
Relative density:	1.090
pH:	1.0-1.5
VOC g/l	Not applicable.

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 bases. Strong reducing agents.

10.6 Hazardous decomposition products

Hazardous decomp. products: In combustion emits toxic fumes of hydrogen chloride / phosgene. Contact with metals may produce highly flammable Hydrogen gas.

Section 11: Toxicological information

11.1 Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH DRM	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 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.

Section 12: Ecological information

12.1 Toxicity

Ecotoxicity values:	No data available.
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12.2 Persistence and degradability

Persistence and degradability:	Biodegradable in part only. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
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12.3 Bioaccumulative potential

Bioaccumulative potential:	No bioaccumulation potential.
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12.4 Mobility in soil

Mobility:	Readily absorbed into soil. Volatile. Insoluble in water.
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12.5 Results of PBT and vPvB assessment

PBT identification:	This product is not identified as a PBT/vPvB substance.
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12.6 Other adverse effects



Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: 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

14.1 UN number

UN number: UN1760

14.2 UN proper shipping name

Shipping name: CORROSIVE LIQUID, N.O.S. Containing Hydrochloric acid, 18%

14.3 Transport hazard class(es)

Transport class: 8

14.4 Packing group

Packing group: III

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: 3

Section 15: Regulatory information

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

15.2 Chemical safety assessment



Section 16: Other information

Other information:	<p>IMPORTANT NOTE: Risk phrases 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. See sections 2 and 3 for the calculated hazard and risk phrases for the blended product. This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.</p>
Phrases use in s.2 and s.3:	<p>H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H335: May cause respiratory irritation. R22: Harmful if swallowed. R34: Causes burns. R36/37/38: Irritating to eyes, respiratory system and skin. R37: Irritating to respiratory system. R41: Risk of serious damage to eyes.</p>
Legend to abbreviations:	<p>PNEC = predicted no effect level DNEL = derived no effect level LD50 = median lethal dose LC50 = median lethal concentration EC50 = median effective concentration IC50 = median inhibitory concentration dw = dry weight bw = body weight cc = closed cup oc = open cup MUS = mouse GPG = guinea pig RBT = rabbit HAM = hamster HMN = human MAM = mammal PGN = pigeon IVN = intravenous SCU = subcutaneous SKN = skin DRM = dermal OCC = ocular/corneal PCP = physico-chemical properties</p>
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