



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

1.1 Product Identifier

Product name: Pro Clean

Product code: C25XX

Synonyms: -

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

Use of substance / mixture: General purpose stone cleaner and degreaser.

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: H319

Most important adverse effects: Causes serious eye irritation.



2.2 Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children.
P260: Do not breathe spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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:

TRIETHANOLAMINE

REACH registered number(s): 01-2119486482-31-XXXX

EINECS: 203-049-8

CAS: 102-71-6

PBT / WEL: Substance with a Community workplace exposure limit.

CLP classification: -

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%

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. Transfer to hospital for specialist examination.
Ingestion:	Wash out mouth with water.
Inhalation:	Not applicable.

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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

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.
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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.
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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised 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.

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

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. 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:

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: Tightly fitting safety goggles. 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:	Blue
Odour:	Perfumed
Evaporation rate:	Slow
Solubility in water:	Highly soluble
Viscosity:	Non-viscous
Boiling point / range °C:	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:	1.020
pH:	11-12
VOC g/l	Not applicable.

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 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:

TRIETHANOLAMINE

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

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	Harzardous: calculated

Symptoms / routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1 Toxicity

Hazardous ingredients:

TRIETHANOLAMINE

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

PRIMARY ALCOHOL ETHOXYLATE CD916

Species		
FISH	96H LC50	1-10 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.

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

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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:	<p>This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. Detergent Regulations EC648/2004, the product contains amongst other ingredients:- Non-Ionic surfactants <5% Amphoteric surfactants <5% EDTA salts <5% Perfumes</p> <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.</p>
Phrases use in s.2 and s.3:	<p>H302: Harmful if swallowed. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled.</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>