SAFETY DATA SHEET
XTREME

Date: Feb 2019
Revision: 3

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

1.1 Product identifier

Product name: XTREME

1.2 Relevant identified uses of the substance/mixture and uses advised against
Acid replacement cleaner for industrial use.
1.3 Details of the supplier of the safety data sheet

SUPPLIER: SOLUTION WORLD OF CLEAN Ltd
Unit 1 Warren Road
Indian Queens
Cornwall TR9 6TL
UK
+44(0)1209 204343

1.4 Emergency telephone number

Tel: +44 (0)1209 204343

2. Hazards identification

2.1 Classification of the substance or mixture
Classification under CLP Regs.: Eye Dam. 1; H318; Skin Irritant 2: H315

2.2 Label elements

Label elements under CLP:
Contains: Alcohol ethoxylate
Hazard pictograms: GHS05



Signal Word: Danger
Hazard Statements: H318: Causes serious eye damage. H315: Causes skin irritation.
Precautionary statements: PREVENTION: Wear protective gloves, clothing and eye protection. Wash hands thoroughly after handling
RESPONSE: IF ON SKIN**:** Wash immediately with soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately call a POISON CENTRE or doctor/physician. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash before reuse.
2.3 Other hazards
PBT: this material does not contain any substance identified as a PBT or vPvB substance

SAFETY DATA SHEET

3. Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients:

CAS	EINECS	Classification CLP	Conc % w/w
Mineral acid salt of organic amide			
506-89-8	208-059-6	Met. Corr. 1 H290; Ac. Tox. 4 H302; Skin irrit. 2 H315; Eye dam. 1 H318; STOT SE3 H335	10-20
Ethoxylated alcohol C7-21			
68991-48-0		Eye dam.1 H318: Skin irrit. 2 H315	1-3
1-Methoxy-2- propanol			
107-98-2	203-539-1	Flam. Liq. 3 H226	1-3
Quaternary alkyl methyl amine ethoxylate methyl chloride			
70750-47-9		Acute tox. 4 H302; Skin irrit. 2 H315; Eye dam. 1 H318; Aquatic acute 1 H400	0-1

See section 16 for full text of H statements

4. First aid measures

4.1 Description of first aid measures

Eye contact: Flush with clean water for at least 15 minutes. Seek medical attention.

Skin contact: Remove at once all contaminated clothing. Wash area with soap and water. Seek medical advice if irritation persists.

Ingestion: DO NOT induce vomiting. Give milk or water to drink and seek immediate medical attention.

Inhalation: Remove from exposure, rest and keep warm. Seek medical attention if recovery is not rapid and complete.

4.2 Most important symptoms and effects both acute and delayed

No further information available

4.3 Indication of any immediate medical attention and special treatment needed

No further information available

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Product is not flammable although irritating fumes may be given off in the event of fire. Choice of extinguisher should be based on other surrounding materials. Keep containers cool with water spray.

Unsuitable agents:

5.2 Special hazards arising from the substance or mixture

No further information available.

5.3 Advice for firefighters

Protective clothing and self-contained breathing apparatus should be worn.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for information on protective clothing.

6.2 Environmental precautions

Do not allow concentrate to enter drains or water courses. Uncontrolled discharge must be notified to the appropriate authority.

6.3 Methods and material for containment and cleaning up

Small spillages may be rinsed away with plenty of water. Larger spillages should be contained and absorbed in inert material. Transfer to plastic container for disposal.

6.4 Reference to other sections

See section 13 for disposal information

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed in a cool place. Do not mix with other chemicals.

7.3 Specific end use

Cleaning and descaling as a replacement for corrosive acids.

8. Exposure controls/personal protection

8.1 Control parameters

Substances assigned Workplace Exposure Limits

Name	type	Long term	Short term
1-Methoxy-2-propanol	WEL	100ppm (sk)	150ppm (sk)

(sk) = may be absorbed through skin.

8.2 Exposure controls

Wear rubber or PVC gloves if skin contact is unavoidable. Wear eye protection to prevent liquid splashes if necessary. Avoid inhalation of spray mist.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear colourless liquid
Odour: Slight
Density at 20°C: 1.1kg/ltr
Solubility: Completely soluble in water.
pH(1% solution): 1.0-2.0
Flash point: N/A
Boiling point/range:100°C approx
Oxidising: no

9.2 Other information

No further relevant information

10.Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions. Decomposes at elevated temperatures (>110°C)

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal conditions. See sect. 10.5

10.4 Conditions to avoid

Elevated temperatures.

10.5 Incompatible materials

Can react with products containing bleach with evolution of chlorine gas.

10.6 Hazardous decomposition products

Decomposition at high temperatures may produce irritating fumes.

11.Toxicological information

11.1 Information on toxicological effects.

Organic amide salt LD50: 1121mg/kg (oral, rat).

Eyes: Severe pain, redness and watering.
Skin: Irritation, redness.
Ingestion: Sore throat and mouth, abdominal pain, vomiting.
Inhalation (mist): Coughing, shortness of breath, irritation to membranes of nose and throat.

12.Ecological information

12.1 Toxicity

No information on the product itself.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Will not bioaccumulate.

12.4 Mobility in soil

Soluble in water.

12.5 Results of PBT and vPvB assessment

The product does not contain any ingredient identified as a PBT vPvB substance.

12.6 Other adverse effects

Uncontrolled discharge into surface waters may have adverse effects on aquatic organisms due to pH reduction.

13.Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems.
Packaging: Used packaging may be suitable for recycling after thorough cleaning with water.

14.Transport information

14.1 UN Number

Not applicable

14.2 UN Proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

14.6 Special precautions for user

None.

15.Regulatory information

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

None.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

Revision: 3

16.Other information

This safety data sheet has been prepared according to EU Commission Regulation 453/2010
The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application.

The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture.
The full text of the H statements referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture.

H226: Flammable liquid and vapour
H290: May be corrosive to metals.
H302: Harmful if swallowed.
H315: Cause skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.

Abbreviations and Acronyms

ADR	**European Agreement concerning the International Carriage of Goods by Road**
CAS	**Chemical Abstracts Service**
CHIP	**Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45.EC and 67/548/EC**
CLP	**Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008**
CMR	**Carcinogenic-mutagenic-toxic for reproduction**
EINECS	**European Inventory of Existing Commercial Chemical Substances**
GHS	**Globally Harmonised System of Classification and Labelling of Chemicals**
IATA	**International Air Transport Association**
IMDG	**International Maritime Dangerous Goods Code**
LC50	**Lethal Concentration, 50%**
LD50	**Lethal Dose, 50%**
OEL	**Occupational Exposure Limit**
PBT	**Persistent, Bioaccumulative, Toxic**
vPvB	**very Persistent, very Bioaccumulative**
RID	**Convention concerning International Carriage by Rail**
WEL	**Workplace Exposure Limit**
VOC	**Volatile Organic Compound**