

## Xtreme-Clean Neutral pH™ - Heavy Duty Tile & Grout Cleaner

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier**  
**Xtreme Clean Neutral pH**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Neutral pH de-greaser and water based cleaner
- 1.2 Details of the supplier of the safety data sheet**

All for Stone Limited  
4 Gardd Yr Gwanwyn  
Northrop Hall  
Mold  
Flintshire  
CH7 6GA  
Wales, U.K.  
**Tel: 01244 819939**

- 1.4 Emergency telephone number**

**Tel. +44 (0) 1244 531422**

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

Classification in accordance with the Classification of the mixture: This mixture is classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP): Signal word: **WARNING** : Eye Damage Category 1 -H319 ; Acute Toxicity Category 4 -H302.

#### 2.2 Label elements

Contains ethoxylated fatty alcohols

Label in accordance with Regulation (EC) No. 1272/2008 (CLP)

Signal word: **WARNING**

Hazard Statements: H302: Harmful if swallowed.  
H319: Causes serious eye irritation.

Precautionary Statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3 Other hazards: none known.**



**SECTION 3: Composition****3.1 Not relevant, product is a mixture****3.2 Proprietary mixture of non-ionic surfactant and emulsifier in de-ionised water solution.****SECTION 4: First Aid Measures**

4.1 Description of first aid measures:

Hazardous substance name	EC No.	CAS No.	REACH reg. No.	Concentration % (weight)	CLP Classification	DSD Classification
Ethoxylated fatty alcohols	607-463-3 - provisional	24938-91-8	Polymer exempt	1-6	Eye Dam. 1; H319	Xi; R41
Ethoxylated branched oxoalcohols	614-482-0 - provisional	68439-46-3	Polymer exempt	1-3	Acute Tox. 4; H302 Eye Dam. 1; H318	Xn; R22,R41
2-(2-butoxyethoxy)ethanol	203-961-6	112-34-5	01-2119475104-44-xxxx	1-15	Eye Irrit. 2; H319	Xi; R36
3-butoxypropan-2-ol	225-878-4	5131-66-8	01-2119475527-28-xxxx	1-9	Skin Irrit. 2; H315 Eye Irrit. 2; H319	Xi; R36/38

Contact with skin: Remove contaminated clothing. Wash skin immediately with plenty of soap and water. If symptoms develop, get medical attention.

Contact with eyes: Wash immediately with eyewash solution or clean water, holding eyelids apart, for at least 10 minutes. Get immediate medical attention.

Ingestion: Rinse mouth with clean water. Get immediate medical attention.

Inhalation: Not expected to present a significant inhalation hazard under conditions of normal use.

4.2 Most important symptoms and effects, both acute and delayed: Risk of serious damage to eyes. May cause eye damage if untreated.

4.3 Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

**SECTION 5: Firefighting Measures**

5.1 Extinguishing media: In case of fire use water, foam, carbon dioxide or dry agent.

5.2 Special hazards arising from the mixture: Product has no flash-point, but if heated sufficiently, it will produce

flammable vapours.

5.3 Advice for firefighters: Use water spray to cool containers exposed to fire and to protect personnel. Firefighters should wear full protective gear including S.C.B.A. sets with full face shields.

## SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:  
Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental precautions: Dispose of in accordance with local regulations. The appropriate regulatory body must be alerted to spillages or uncontrolled discharges to watercourses

6.3 Methods and material for containment and cleaning up: Dike and contain spill. Do not allow spill to enter drains, sewers or waterways, ground, plants and vegetation. Recover free liquid if possible. Absorb spillage with inert material, floor absorbent, earth or sand and collect into appropriate containers.

## SECTION 7: Handling and Storage

7.1 Precautions for safe handling: Avoid contact with skin or eyes. Otherwise, no particular precautions are required in normal use. Practice normal industrial hygiene. Provide adequate ventilation. May present slip hazard if spilt.

7.2 Conditions for safe storage, including any incompatibilities: Keep containers closed to prevent contamination when not in use. Do not store near heat, open flames or strong oxidants. Store containers in an adequately ventilated area, protected against the sun (under a roof) and direct exposure to the weather (rain, storms, etc.). Do not store the product at temperatures below its freezing point. Not incompatible with or corrosive towards material of construction.

7.3 Specific end uses: Stone, ceramic tile & hard surface cleaning

## SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters: Component substances with Workplace Exposure Limits

Component substance	ppm	LTEL, 8hr.TWA STEL		mg/m <sup>3</sup>	Time	Authority
		mg/m <sup>3</sup>	ppm			
2-(2-butoxyethoxy)ethanol EH40/2005		10	67.5	15	101.2 15 mins.	UKHSE

2-(2-butoxyethoxy)ethanol (EC No. 203-961-6):  
Derived No Effect Level (DNEL) -Industry Dermal Long Term 20 mg/kg/day  
DNEL -Industry Inhalation Long Term 67.5 mg/m<sup>3</sup>

8.2 Exposure controls:

Wear suitable protective clothing, including eye/face protection and gloves.

Protective gloves must be used if there is a risk of direct contact or splash. Nitrile rubber offers best long-term protection, be aware that the liquid may penetrate the gloves. Frequent change is advisable. Manufactured/tested in accordance with EN 374.

If ventilation is insufficient, adequate respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Where air-filtering respirators are appropriate, select a mask & filter combination suitable for aerosols and vapours such as Type-A or Type A-2, ABEK-2 in accordance with EN 141. Check that mask fits tight and change filter regularly.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

Appearance:	Clear, pale, low viscosity liquid	
Odour:	Characteristic, sweet.	
Odour threshold:	not available	
pH Value	7-7.5	
Change in physical state:	Boiling point:	approx. 100 °C (212°F)
	Pour point:	0°C (32°F)
Flash point:	>100°C (212°F) (Closed Cup)	
Evaporation rate:	not available	
Flammability limits in air: (% vol. in air)	LEL:	not applicable
	UEL:	not applicable
Vapour pressure at 20°C (68°F) (non-water fraction):	<0.01 kPa	
Vapour density:	not available	
Relative density at 15°C (59°):	0.995 g/cm <sup>3</sup> (8.30 lb/US Gal)	
Solubility in water:	Complete	
Solubility (other):	Miscible with most oils, fats and organic solvents	
Partition coefficient n-octanol/water:	not determined	
Auto-ignition temperature:	not determined	
Decomposition temperature:	not determined	
Viscosity (ASTM D) at 27°C (80°F):	6 mm <sup>2</sup> /s	
Explosive properties:	none known	
Oxidising properties:	none known	

9.2 Other information: The above data are typical values and do not constitute a specification.

## SECTION 10: Stability and Reactivity

### 10 STABILITY AND REACTIVITY

10.1 Reactivity: Reacts with oxidising agents.

10.2 Chemical stability: Stable in normal use and under recommended storage conditions.

10.3 Possibility of hazardous reactions: Other than 10.1, none known.

10.4 Conditions to avoid: Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight. Avoid freezing conditions.

10.5 Incompatible materials: Strong oxidising agents.

10.6 Hazardous decomposition products: Product stable under normal conditions of storage, handling and use.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects:

**Acute effects:**

Inhalation: No significant signs or symptoms indicative of any health hazard are expected.  
Ingestion: May cause nausea, vomiting and diarrhoea.  
Skin contact: May cause drying of the skin and contact dermatitis.  
Eye contact: May cause serious eye irritation.

**Chronic effects:** No experimental data are available on this preparation. Based on chronic toxicological information on its components it is unlikely to pose a carcinogenic, mutagenic or reproductive toxicity risk to humans if exposure is maintained at or below occupational limits.

**SECTION 12: Ecological Information**

12.1 Toxicity: The product has a low order of acute toxicity to aquatic species:  
Fish Acute Toxicity Test as per EPA CFR 40 Part 797.1300  
Fathead Minnows (*Pimephales promelas*): 96 hours LC<sub>50</sub> : 40 mg/ Litre  
Daphnid Acute Toxicity Test as per EPA CFR 40 Part 797.1400  
Daphnia Magna (Cladocerans): 48 hours LC<sub>50</sub>: 30 mg/ Litre

12.2 Persistence and degradability: The product is expected to degrade rapidly in the aquatic environment. Product tested according to EPA 40 CFR 796.3100 "Aerobic Aquatic Biodegradation". Based on dissolved organic carbon (DOC) analysis ALL FOR STONE LIMITED XTREME CLEAN NEUTRAL PH is 90% biodegradable in 28 days. The substance will undergo rapid and ultimate biodegradation in aerobic aquatic environment, also known as "ready biodegradability". Product also tested according to OECD 301-F "Ready Biodegradability - Evaluation of the Aerobic Biodegradability in an Aqueous Medium, Manometric Respirometry Test". Based on dissolved organic carbon (DOC) analysis ALL FOR STONE LIMITED XTREME CLEAN NEUTRAL pH is 99% biodegradable.

12.3 Bioaccumulative potential: The product has low potential for bioaccumulation.

12.4 Mobility in soil: no data available.

12.5 Results of PBT and vPvB assessment: Not Classified as PBT/vPvB by current EU criteria

12.6 Other adverse effects: The product is not a "VOC" (Volatile Organic Compound), the vapor pressure (calculated) for the non-water components is 0.05 mm Hg / 20°C (0.007 kPa).

**SECTION 13: Disposal Considerations**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local waste disposal authority.

13.1 Waste treatment methods: The product and effluent resulting from its use should not be released into the environment. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations.

Empty containers may contain flammable or explosive vapours. Do not burn, or use a cutting torch on, the empty drum. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 13: Disposal Considerations**

- 14.1 UN Number: none
- 14.2 Not Dangerous Goods according to international transport regulations
- 14.3 Transport hazard class(es): none
- 14.4 Packaging group:
- 14.5 Environmental hazards: Not a Marine Pollutant
- 14.6 Special precautions for user: none
- 14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC code: not available

## **SECTION 15: Regulatory Information**

15.1 Safety, health and environmental regulations / legislation specific for the mixture: Based on the German WGK (Wassergefährdungsklassen) ratings for hazardous ingredients: 2-(2-butoxyethoxy)ethanol, 3-butoxypropan-2-ol & Alcohols, C9-11, ethoxylated =1, Slightly Hazardous to Water (schwach wassergefährdend), then it is calculated that T.2020 WGK is also =1.

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## **SECTION 16: Other Information**

This revision replaces previous versions of the Safety Data Sheet for the mixture, which were produced according to the original EU Reg.1907/2006/ANNEX II. There are changes to all Sections.

Hazard Statement text in full (if not shown Section 2: Skin Irrit. 2; H315: Causes skin irritation;  
H319: Causes serious eye irritation.

Regulatory inventory compliance: AUSTRALIAN INVENTORY (AICS), CANADA INVENTORY (DSL), CHINA INVENTORY (IECS), EC INVENTORY (EINECS/ELINCS), JAPAN INVENTORY (ENCS), KOREA INVENTORY (ECL), PHILIPPINE INVENTORY (PICCS), US INVENTORY (TSCA)

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