



## SAFETY DATA SHEET

### Biocidal Cleaner XLS

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

Product name Biocidal Cleaner XLS  
Product number 289-1

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

Identified uses Sanitiser and cleaner

##### 1.3. Details of the supplier of the safety data sheet

Supplier Autosmart International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com

Contact person Mr. Russell Butler

##### 1.4. Emergency telephone number

Emergency telephone Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

###### Physical hazards

Met. Corr. 1 - H290

###### Health hazards

Skin Corr. 1B - H314 Eye Dam. 1 - H318

###### Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi;R38,R41.

##### 2.2. Label elements

###### Pictogram



**Biocidal Cleaner XLS**

<b>Signal word</b>	Danger
<b>Hazard statements</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.
<b>Precautionary statements</b>	P260 Do not breathe vapour/spray. P280 Wear protective gloves. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Supplemental label information</b>	BPR001 Use biocides safely. Always read the label and product information before use.
<b>Contains</b>	C9-C11 Alcohol ethoxylate (6), SODIUM HYDROXIDE, Quaternary Ammonium Compounds, Benzyl-C8-18-Alkyldimethyl, Chlorides
<b>Detergent labelling</b>	< 5% amphoteric surfactants, < 5% non-ionic surfactants
<b>Supplementary precautionary statements</b>	P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage. P501 Dispose of contents/container in accordance with national regulations.

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>C9-C11 Alcohol ethoxylate (6)</b> CAS number: 68439-46-3 EC number: – REACH registration number: Polymer	<b>1-2%</b>
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41.
<b>SODIUM HYDROXIDE</b> CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-2119457892-27-xxxx Substance with a Community workplace exposure limit.	<b>1-2%</b>
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R35
<b>Quaternary Ammonium Compounds, Benzyl-C8-18-Alkyldimethyl, Chlorides</b> CAS number: 68424-85-1 EC number: 264-151-6 M factor (Acute) = 1	<b>1-2%</b>
<b>Classification</b> Met. Corr. 1 - H290 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R21/22. C;R34. N;R50.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures**

## Biocidal Cleaner XLS

### 4.1. Description of first aid measures

#### **Inhalation**

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### **Ingestion**

Remove affected person from source of contamination. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

#### **Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

#### **Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

#### **General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### **Inhalation**

Coughing, chest tightness, feeling of chest pressure.

#### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged contact causes serious tissue damage.

#### **Eye contact**

Risk of serious damage to eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

#### **Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

---

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

#### **Specific hazards**

The product is non-combustible. Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. Acrid smoke or fumes. Oxides of the following substances: Carbon. Nitrogen.

#### **Hazardous combustion products**

Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

### 5.3. Advice for firefighters

#### **Protective actions during firefighting**

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

#### **Special protective equipment for firefighters**

Use air-supplied respirator, gloves and protective goggles. Use protective equipment appropriate for surrounding materials.

---

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

For personal protection, see Section 8.

### 6.2. Environmental precautions

#### **Environmental precautions**

Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

## Biocidal Cleaner XLS

### Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Take care as floors and other surfaces may become slippery. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

#### Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Good personal hygiene procedures should be implemented.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Keep above the chemical's freezing point to avoid rupturing the container.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m3

WEL = Workplace Exposure Limit

#### C9-C11 Alcohol ethoxylate (6) (CAS: 68439-46-3)

#### Ingredient comments

No exposure limits known for ingredient(s).

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL

Consumer - Inhalation; Short term : 1 mg/m3  
Industry - Inhalation; Short term : 1 mg/m3  
Industry - Inhalation; Long term : 1 mg/m3

#### Quaternary Ammonium Compounds, Benzyl-C8-18-Alkyldimethyl, Chlorides (CAS: 68424-85-1)

#### Ingredient comments

No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex).

## Biocidal Cleaner XLS

Neoprene. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for different glove manufacturers. It should be noted that liquid may penetrate the gloves. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

### Other skin and body protection

Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

---

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Liquid.

#### Colour

Light (or pale). Straw.

#### Odour

Mild.

#### Odour threshold

Not available. Not available.

#### pH

pH (concentrated solution): ~ 13.1 pH (diluted solution): ~ 11.5 @ 1%

#### Melting point

~ 0°C

#### Initial boiling point and range

~ 100 @°C @ 760 mm Hg

#### Flash point

Not applicable.

#### Evaporation rate

Not available.

#### Upper/lower flammability or explosive limits

Not applicable. : :

#### Vapour pressure

Not applicable.

#### Vapour density

Not applicable.

#### Relative density

~ 1.055 @ 20°C

#### Solubility(ies)

Soluble in water. Miscible with water.

#### Partition coefficient

Not available. : < 0

#### Auto-ignition temperature

Not applicable.

#### Decomposition Temperature

Not available.

#### Viscosity

~ 1 cSt @ °C

#### Oxidising properties

Not applicable.

## Biocidal Cleaner XLS

### Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

### 9.2. Other information

#### **Volatile organic compound**

This product contains a maximum VOC content of 0 g/litre.

---

## **SECTION 10: Stability and reactivity**

---

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

#### **Stability**

Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Reactions with the following materials may generate heat: Strong acids.

### 10.5. Incompatible materials

#### **Materials to avoid**

Strong acids. Strong oxidising agents.

### 10.6. Hazardous decomposition products

No specific hazardous decomposition products noted.

---

## **SECTION 11: Toxicological information**

---

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### **ATE oral (mg/kg)**

19,164.93900969

#### Acute toxicity - dermal

##### **ATE dermal (mg/kg)**

156000.0

#### Skin corrosion/irritation

##### **Human skin model test**

Scientifically unjustified.

##### **Extreme pH**

≥ 11.5 The classification is based on the criteria for extreme pH values, under Regulation (EC) 1272/2008, Annex I, section 3.2.3.1.2. Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Corrosive.

#### **General information**

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

#### **Inhalation**

May cause respiratory system irritation.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Irritating to skin. The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

#### **Eye contact**

Risk of serious damage to eyes.

#### **Acute and chronic health hazards**

This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns.

#### **Route of entry**

Ingestion. Skin and/or eye contact

## Biocidal Cleaner XLS

### Target organs

No specific target organs known.

### Medical symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

### Medical considerations

Skin disorders and allergies.

---

## SECTION 12: Ecological Information

---

### Ecotoxicity

The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product is not expected to be hazardous to wastewater treatment processes. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days. The product does not contain organically bound halogen.

#### 12.1. Toxicity

##### Acute toxicity - fish

Not determined.

##### Acute toxicity - aquatic invertebrates

Not determined.

##### Acute toxicity - aquatic plants

Not determined.

##### Acute toxicity - microorganisms

Not determined.

##### Acute toxicity - terrestrial

Not determined.

#### 12.2. Persistence and degradability

##### Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer. The product is biodegradable but it must not be discharged into drains without permission from the authorities.

##### Chemical oxygen demand

~ 115540 mg O /l

#### 12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

##### Partition coefficient

Not available. : < 0

#### 12.4. Mobility in soil

##### Mobility

The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

Not applicable.

---

## SECTION 13: Disposal considerations

---

#### 13.1. Waste treatment methods

##### General information

The packaging must be empty (drop-free when inverted).

##### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Discharge of small quantities to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor. Packaging: Reuse or recycle products wherever possible.

## Biocidal Cleaner XLS

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (IMDG)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ICAO)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ADN)	SODIUM HYDROXIDE SOLUTION

#### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID subsidiary risk	
ADR/RID label	8
IMDG class	8
IMDG subsidiary risk	
ICAO class/division	8
ICAO subsidiary risk	

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

IMDG Code segregation group	18. Alkalis
EmS	F-A, S-B
Emergency Action Code	2R
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

### SECTION 15: Regulatory information

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

##### National regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

##### EU legislation



## Biocidal Cleaner XLS

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### Guidance

Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

### Health and environmental listings

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).

### Water hazard classification

WGK 2

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

### General information

Only trained personnel should use this material. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

### Classification procedures according to Regulation (EC) 1272/2008

: Calculation method.

### Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain.  
www.autosmartinternational.com  
rbutler@autosmart.co.uk  
Tel +44 (0)1543 481616

**Revision date** 09/01/2015

**Revision** 1

**SDS number** 20995

**SDS status** Approved.

### Risk phrases in full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R21/22 Harmful in contact with skin and if swallowed.  
R22 Harmful if swallowed.  
R34 Causes burns.  
R35 Causes severe burns.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitisation by skin contact.  
R50 Very toxic to aquatic organisms.

### Hazard statements in full

H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.