



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## Zenith 10XS One Shot Washroom Cleaner (095700)

Revision 7

Revision date 2017-09-06

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

#### 1.1. Product identifier

Product name	Zenith 10XS One Shot Washroom Cleaner (095700)
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
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#### 1.3. Details of the supplier of the safety data sheet

Company	Zenith Hygiene Group plc
Address	A1M Business Centre Dixons Hill Road Welham Green Herts AL9 7JE United Kingdom
Web	www.zhgplc.com
Telephone	01707 270260
Email	helpdesk@zhgplc.com

#### 1.4. Emergency telephone number


Emergency telephone number	028 9267 3331
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### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Dam. 1: H318;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label).

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## 2.2. Label elements

P332+P313 - If skin irritation occurs: Get medical advice/attention.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Alcohols, C12-13- branched and linear, ethoxylated (*R01)		160901-19-9	931-954-4		1 - 10%	Xn; R22 Xi; R41	
Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)		68424-85-1	270-325-2		1 - 10%	C; R34 Xn; R22 N; R50	M=10
Citric acid		5949-29-1	201-069-1	01-2119457026-42	1 - 10%	Xi; R36	
Di Methoxy Propanol ((2-methoxymethylethoxy) propanol)		34590-94-8	252-104-2	01-2119450011-60	1 - 10%		
Acetic acid ...% (Acetic acid)	607-002-00-6	64-19-7	200-580-7	01-2119475328-30	1 - 10%	R10 C; R35	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Alcohols, C12-13- branched and linear, ethoxylated (*R01)		160901-19-9	931-954-4		1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)		68424-85-1	270-325-2		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	M=10
Citric acid		5949-29-1	201-069-1	01-2119457026-42	1 - 10%	Eye Irrit. 2: H319;	
Di Methoxy Propanol ((2-methoxymethylethoxy) propanol)		34590-94-8	252-104-2	01-2119450011-60	1 - 10%		
Acetic acid ...% (Acetic acid)	607-002-00-6	64-19-7	200-580-7	01-2119475328-30	1 - 10%	Flam. Liq. 3: H226; Skin Corr. 1A: H314;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/ .
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	Causes serious eye damage.
Skin contact	Irritating to skin.
Ingestion	Irritant.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

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

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

Burning produces irritating, toxic and obnoxious fumes.

## 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

## 6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

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

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 6.4. Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 7.3. Specific end use(s)

No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Acetic acid ...% (Acetic acid)	DIR: 91/322	8hTWA ppm: 10
	8hTWA mg/m3: 25	STEL ppm: -
	STEL mg/m3: -	NOT: -
Di Methoxy Propanol ((2-methoxymethylethoxy) propanol)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 308
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

## 8.2. Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product.

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## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Use appropriate personal protective equipment.
Eye / face protection	Safety glasses.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Not normally required. Do not breathe gas/fumes/vapour/spray.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Orange
Odour	Characteristic
pH	< 4
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Specific gravity	1 g/cm <sup>3</sup>

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No reactivity hazards known under normal storage and use conditions.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Avoid contact with: Acids.
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## 10.4. Conditions to avoid

	None.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Causes serious eye damage.
Germ cell mutagenicity	No mutagenic effects reported.

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## 11.1. Information on toxicological effects

Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

## 11.1.4. Toxicological Information

Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)	Inhalation Rat LC50/15min: NDA Dermal Rat LD50: 800-1420 mg/kg Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA	Inhalation Rat LC50/30min: NDA Oral Rat LD50: 240-400mg/kg Dermal Rabbit LD50: NDA
Acetic acid ...%	Inhalation Rat LC50/4 h: 40000 mg/m3 Oral Rat LD50: 3310 mg/kg Dermal Rabbit LD50: NDA	Dermal Rat LD50: NDA Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA
Alcohols, C12-13- branched and linear, ethoxylated (*R01)	Inhalation Rat LC50/15min: NDA Oral Rat LD50: 300 - 2,000 mg/kg Dermal Rabbit LD50: 2,000 mg/kg	Dermal Rat LD50: NDA Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA
Citric acid	Inhalation Rat LC50/15min: NDA Oral Rat LD50: 3000 mg/kg Dermal Rabbit LD50: NDA	Dermal Rat LD50: NDA Oral Mouse LD50: 5400 mg/kg Dermal Guinea Pig LD50: NDA
Di Methoxy Propanol	Oral Rat LD50: >5000 mg/kg Inhalation Rat LC50/4 h: NDA	Dermal Rabbit LD50: 9510 mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)	Daphnia EC50/48h: 0.0200 mg/l Green algae EC50/96h: 0.06mg/l	Fish LC50/96h: 1.2000 mg/l Daphnia LC50/48h: 0.02mg/l
Acetic acid ...%	Daphnia EC50/48h: 1000.0000 mg/l Fish LC50/96h: 1000.0000 mg/l	Algae IC50/72h: 55.2200 mg/l
Alcohols, C12-13- branched and linear, ethoxylated (*R01)	Daphnia EC50/48h: 0.4500 mg/l Fish LC50/96h: 20.5000 mg/l	Algae IC50/72h: 0.7300 mg/l
Citric acid	Fish LC50/96h: 760.0000 mg/l Daphnia LC50/96h: 120 mg/l (72 h)	Algae EC50/120h: 640 mg/l (Scenedesmus quadricauda (Green algae); 168 h)
Di Methoxy Propanol	Daphnia EC50/48h: 1919.0000 mg/l Fish LC50/96h: 1000.0000 mg/l	Algae IC50/72h: 969.0000 mg/l

## 12.2. Persistence and degradability

	No data is available on this product.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## Partition coefficient

	Zenith 10XS One Shot Washroom Cleaner (095700) No data available
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## 12.4. Mobility in soil

	No data is available on this product.
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**12.5. Results of PBT and vPvB assessment**

	Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.
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**12.6. Other adverse effects**

	No other adverse effects known.
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**SECTION 13: Disposal considerations****General information**

	Dispose of in compliance with all local and national regulations.
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**Disposal of packaging**

	Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.
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**Further information**

	European Waste Catalogue: 20 01 29.
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**SECTION 14: Transport information****14.1. UN number**

	The product is not classified as dangerous for carriage.
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**14.2. UN proper shipping name**

	The product is not classified as dangerous for carriage.
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**14.3. Transport hazard class(es)**

	The product is not classified as dangerous for carriage.
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**14.4. Packing group**

	The product is not classified as dangerous for carriage.
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**14.5. Environmental hazards**

	The product is not classified as dangerous for carriage.
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**14.6. Special precautions for user**

	The product is not classified as dangerous for carriage.
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**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

	The product is not classified as dangerous for carriage.
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**Further information**

	The product is not classified as dangerous for carriage.
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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

	Ingredients according to EC Detergent regulations shown in section 16 if applicable.
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**15.2. Chemical safety assessment**

	A chemical safety assessment has not been carried out on the mixture.
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**SECTION 16: Other information****Other information**

	LC: Lethal concentration. LD: Lethal dose. NDA - No data available. NOAEC: No observed adverse effect concentration. NOAEL: No observed adverse effect level. NOEC: No observed effect concentration. NOEL: No observed effect level.
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## Other information

	<p>PBT: Persistent, bioaccumulative and toxic.  vPvB. Very persistent and very bioaccumulative.  *R01 - Polymer REACH number not available.</p>
Revision	<p>This document differs from the previous version in the following areas:.  2 - 2.1. Classification of the substance or mixture.</p>
Text of risk phrases in Section 3	<p>R10 - Flammable  R22 - Harmful if swallowed.  R34 - Causes burns.  R35 - Causes severe burns.  R36 - Irritating to eyes.  R41 - Risk of serious damage to eyes.  R50 - Very toxic to aquatic organisms.</p>
Text of Hazard Statements in Section 3	<p>Acute Tox. 4: H302 - Harmful if swallowed.  Eye Dam. 1: H318 - Causes serious eye damage.  Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  Aquatic Acute 1: H400 - Very toxic to aquatic life.  Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  Eye Irrit. 2: H319 - Causes serious eye irritation.  Flam. Liq. 3: H226 - Flammable liquid and vapour.  Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p>
Labelling for contents	<p>non-ionic surfactants 5% - &lt; 15%  cationic surfactants 0% - &lt; 5%  Perfumes 0% - &lt; 5%  phosphonates 0% - &lt; 5%</p>

## Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.</p>
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