



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## Zenith 5XM One Shot Floor Maintainer (097100)

Revision 6

Revision date 2014-06-12

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

#### 1.1. Product identifier

**Product name** Zenith 5XM One Shot Floor Maintainer (097100)

#### 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);

#### 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

### SECTION 2: Hazards identification

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

**Main hazards** No Significant Hazard

#### 2.2. Label elements

**Risk phrases** No Significant Hazard

### 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.
Ingredients not classified as hazardous					50 - 60%		
Alcohols, C12-13- branched and linear, ethoxylated (*R01)		160901-19-9	931-954-4		1 - 10%	Xn; R22 Xi; R41	

##### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ingredients not classified as hazardous					50 - 60%		
Alcohols, C12-13- branched and linear, ethoxylated (*R01)		160901-19-9	931-954-4		1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

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**SECTION 4: First aid measures****4.1. Description of first aid measures**

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so.
Eye contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	No irritation expected.
Skin contact	No irritation expected.
Ingestion	Unlikely to be harmful unless excessive amount ingested.

**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.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Carbon dioxide (CO2). Water jet. For large fires: Alcohol resistant foam. Water jet.
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**5.2. Special hazards arising from the substance or mixture**

	No special hazards known.
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Not normally required.
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**6.2. Environmental precautions**

	Do not allow product to enter drains. Dilute with water.
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**6.3. Methods and material for containment and cleaning up**

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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**6.4. Reference to other sections**

	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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**7.2. Conditions for safe storage, including any incompatibilities**

	Keep in a cool, dry, well ventilated area. Keep container tightly closed.
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**7.3. Specific end use(s)**

	No specific advice for end use available.
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**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls**

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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	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Not normally required. In case of splashing, wear: Safety glasses.
Skin protection - Handprotection	Wash hands after handling the product. For prolonged contact protection for the skin may be necessary.
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	Pink
Odour	Characteristic
pH	8
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	1.04 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

	No other adverse effects known.
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## 10.4. Conditions to avoid

	None.
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## SECTION 11: Toxicological information

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## 11.1. Information on toxicological effects

Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

## 11.1.4. Toxicological Information

Alcohols, C12-13- branched and linear, ethoxylated (*R01)	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50: NDA
	Oral Rat LD50: 300 - 2,000 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: 2,000 mg/kg	Dermal Guinea Pig LD50: NDA

## SECTION 12: Ecological information

## 12.1. Toxicity

Alcohols, C12-13- branched and linear, ethoxylated (*R01)	Daphnia EC50/48h: 0.4500 mg/l	Algae IC50/72h: 0.7300 mg/l
	Fish LC50/96h: 20.5000 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 5XM One Shot Floor Maintainer (097100) 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 30 detergents other than those mentioned in 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)

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

The product is not classified as dangerous for carriage.

**14.4. Packing group**

The product is not classified as dangerous for carriage.

**14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

**14.6. Special precautions for user**

The product is not classified as dangerous for carriage.

**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.

**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.

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out on the mixture.

**Further information**

For prolonged contact protection for the skin may be necessary.  
Safety data sheet available for professional user on request.

**SECTION 16: Other information****Other information**

<b>Revision</b>	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>9 - 9.1. Information on basic physical and chemical properties (Appearance).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Colour).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Odour).</li> <li>9 - 9.1. Information on basic physical and chemical properties (PH).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Melting point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flash point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Explosive properties).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Freezing Point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Solubility).</li> <li>9 - 9.2. Other information (Conductivity).</li> <li>9 - 9.2. Other information (Partition coefficient).</li> <li>9 - 9.2. Other information (Surface tension).</li> <li>9 - 9.2. Other information (Specific gravity).</li> <li>16 - Further information.</li> </ul>
<b>Acronyms</b>	<p>LC: Lethal concentration. LD: Lethal dose. N/A - Not applicable. 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.</p>

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## Other information

	<p>PBT: Persistent, bioaccumulative and toxic.  SVHC. Substance of very high concern.  vPvB. Very persistent and very bioaccumulative.  *R01 - Polymer REACH number not available.</p>
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed.  R41 - Risk of serious damage to eyes.</p>
Text of Hazard Statements in Section 3	<p>Acute Tox. 4: H302 - Harmful if swallowed.  Eye Dam. 1: H318 - Causes serious eye damage.</p>
Labelling for contents	<p>non-ionic surfactants 0% - &lt; 5%  phosphonates 0% - &lt; 5%  Perfumes 0% - &lt; 5%  preservation agents 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> <p>Preservatives contains: (5 - chloro -2-methyl -4 -isothiazolin -3-one, 2 -methyl -4 -isothiazolin -3 -one).</p>
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