

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

### Product identifier

**Trade name or designation of the mixture** WATERSTOP XP®

**Registration number** -

**Synonyms** None.

**Date of first issue** 08-April-2011

**Version number** 02

**Revision date** 10-October-2011

**Supersedes date** 08-April-2011

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

**Identified uses** Not available.

**Uses advised against** Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

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

#### Supplier

**Company name** CETCO EUROPE  
**Address** Birch House, Scotts Quays  
 Birkenhead, Merseyside CH41 1FB  
 England  
 GB  
**Telephone** General Information +44 (151) 606-5900  
**e-mail** safetydata@amcol.com  
**Contact person** EHS Department

**Emergency telephone number** Emergency +1 (703) 527-3887

## Section 2: Hazards identification

### Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

### Hazard summary

**Physical hazards** Not classified for physical hazards.  
**Health hazards** Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.  
**Environmental hazards** Not classified for hazards to the environment.  
**Specific hazards** Not available.  
**Main symptoms** Not available.

### Label elements

#### Label according to Directive 67/548/EEC or 1999/45/EC as amended

**EC label** In accordance with EC directives or respective national laws, the product does not need to be classified nor labelled.

**Supplemental label information** Not applicable.

**Other hazards** Not assigned.

## Section 3: Composition/information on ingredients

### Mixture

The components are not hazardous or are below required disclosure limits.

**Composition comments** Bentonite contains naturally occurring crystalline silica (not listed in Annex I of Directive 67/548/EEC) in quantities less than 6%.

## Section 4: First aid measures

**General information** Not available.

### Description of first aid measures

**Inhalation** Move into fresh air and keep at rest. Get medical attention if symptoms persist.  
**Skin contact** Wash with soap and water. Get medical attention if irritation develops or persists.  
**Eye contact** Flush eyes immediately with large amounts of water. Get medical attention if irritation develops and persists.  
**Ingestion** Rinse mouth thoroughly. Get medical attention if any discomfort continues.

**Most important symptoms and effects, both acute and delayed** Not available.

**Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically.

## Section 5: Firefighting measures

**General fire hazards** Not a fire hazard.

### Extinguishing media

**Suitable extinguishing media** Dry chemical, CO<sub>2</sub>, water spray or regular foam. Use any media suitable for the surrounding fires.  
**Unsuitable extinguishing media** None known.

**Special hazards arising from the substance or mixture** Not available.

### Advice for firefighters

**Special protective equipment for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Material can be slippery when wet.  
**Special firefighting procedures** In the event of fire, cool tanks with water spray.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Material can be slippery when wet.  
**For emergency responders** Not available.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. No special environmental precautions required.

**Methods and material for containment and cleaning up** This product is miscible in water. Shovel the material into waste container. Following product recovery, flush area with water. None necessary.

**Reference to other sections** For personal protection, see section 8. For waste disposal, see section 13.

## Section 7: Handling and storage

**Precautions for safe handling** In case of insufficient ventilation, wear suitable respiratory equipment. Use this product with adequate ventilation. Avoid prolonged exposure. Keep away from heat and flame.

**Conditions for safe storage, including any incompatibilities** Keep in a cool, well-ventilated place. No special restrictions on storage with other products.

**Specific end use(s)** Not available.

## Section 8: Exposure controls/personal protection

### Control parameters

## Occupational exposure limits

<b>UK. EH40 Workplace Exposure Limits (WELs)</b>		<b>Value</b>	<b>Form</b>
<b>Additional components</b>	<b>Type</b>		
INERT OR NUISANCE DUSTS (SEQ250)	TWA	10 mg/m <sup>3</sup>	Inhalable dust.
		4 mg/m <sup>3</sup>	Respirable dust.
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).		
<b>Recommended monitoring procedures</b>	Follow standard monitoring procedures.		
<b>DNEL</b>	Not available.		
<b>PNEC</b>	Not available.		
<b>Exposure controls</b>			
<b>Appropriate engineering controls</b>	If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.		
<b>Individual protection measures, such as personal protective equipment</b>			
<b>General information</b>	Not available.		
<b>Eye/face protection</b>	Wear safety glasses; chemical goggles for fumes which may arise from thermal processing. Eye wash fountain is recommended.		
<b>Skin protection</b>			
- <b>Hand protection</b>	Not normally needed.		
- <b>Other</b>	No special protective equipment required. When material is heated, wear gloves to protect against thermal burns. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.		
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.		
<b>Thermal hazards</b>	Not available.		
<b>Hygiene measures</b>	Use good industrial hygiene practices in handling this material.		
<b>Environmental exposure controls</b>	No special measures required		

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Rope.
<b>Physical state</b>	Solid.
<b>Form</b>	Solid. Roll.
<b>Colour</b>	Various.
<b>Odour</b>	None.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not available.
<b>Flash point</b>	101.6667 °C (215 °F) estimated
<b>Auto-ignition temperature</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not available.
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Oxidising properties</b>	Not applicable.

<b>Explosive properties</b>	Not applicable.
<b>Explosive limit</b>	Not applicable.
<b>Vapour pressure</b>	0.000035778 hPa estimated
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Density</b>	5.2395 g/cm <sup>3</sup> estimated
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Bulk density</b>	Not applicable.
<b>Pour point</b>	Not applicable.
<b>Viscosity</b>	Not available.
<b>Viscosity temperature</b>	Not available.
<b>VOC (Weight %)</b>	0 % estimated
<b>Percent volatile</b>	0 % estimated estimated
<b>Other data</b>	
<b>Flammability class</b>	Combustible IIIB estimated
<b>Specific gravity</b>	5.240024002 estimated
<b>Other information</b>	No relevant additional information available.

## Section 10: Stability and reactivity

<b>Reactivity</b>	None known.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	None known. Avoid temperatures exceeding the flash point.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

## Section 11: Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Not available.
<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.
<b>Symptoms</b>	Not available.
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	Not relevant at normal room temperatures. When heated, irritating vapours may be formed.
<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Mild irritant to eyes (according to the modified Kay & Calandra criteria) Mild irritant to eyes (according to the modified Kay & Calandra criteria)
<b>Respiratory sensitisation</b>	Not available.
<b>Skin sensitisation</b>	According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
<b>Germ cell mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	This product contains trace levels (<0.1%) of a potential carcinogen.
<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not available.

<b>Specific target organ toxicity - repeated exposure</b>	Not available.
<b>Aspiration hazard</b>	Not available.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Not available.

## Section 12: Ecological information

### Toxicity

Product	Test results
WATERSTOP XP® (Mixture)	LC50 Fish: 34111.3125 mg/l 96 hours estimated

\* Estimates for product may be based on additional component data not shown.

<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility</b>	Not available.
<b>Environmental fate - Partition coefficient</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not available.
<b>Other adverse effects</b>	Not available.

## Section 13: Disposal considerations

### Waste treatment methods

<b>Residual waste</b>	Not available.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	Not available.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations.

## Section 14: Transport information

### ADR

Not regulated as dangerous goods.

### RID

Not regulated as dangerous goods.

### ADN

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available.

## Section 15: Regulatory information

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

#### EU Regulations

##### Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

##### Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

##### Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V**

Not listed.

**Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER)**

Not listed.

**Regulation (EC) No. 1907/2006, Article 59(1). Candidate List**

Not listed.

**Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product does not need to be labelled in accordance with EC directives or respective national laws.

**National regulations**

Not available.

**Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**Section 16: Other information**

**List of abbreviations**

Not available.

**References**

Not available.

**Information on evaluation method leading to the classification of mixture**

Not available.

**Wording of the R-phrases in sections 2 and 3**

None.

**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.

**Training information**

Not available.

**Issued by**

EHS Department

**Disclaimer**

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