

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

### 1.1. Product identifier

Trade name or designation of the mixture	WATERSTOP-RX® 103
Registration number	-
Synonyms	None.
Issue date	11-October-2012
Version number	22
Revision date	07-December-2012
Supersedes date	26-November-2012

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

Identified uses	Not available.
Uses advised against	None known.

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

#### Supplier

Company name	CETCO-Poland, CETCO sp zo.o.S.K.A
Address	Korpele 13A-Strefa 12-100 Szczytno PL
Telephone	General Information +48 (0) 89 624 7300
e-mail	safety.data@amcol.com
Contact person	EHS Department

1.4. Emergency telephone number	Emergency +1 (703) 527-3887
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## SECTION 2: Hazards identification

### 2.1. 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.

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 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.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms	None.
Signal word	None.
Hazard statements	The mixture does not meet the criteria for classification.

#### Precautionary statements

Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.

**Supplemental label information** Not applicable.

**2.3. Other hazards** Not assigned.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
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BENTONITE	60 - 80	1302-78-9 215-108-5	-	-	
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**Classification:**    **DSD:** -  
                              **CLP:** -

Other components below reportable levels    20 - 40

#: This substance has been assigned Community workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

**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.

### 4.1. Description of first aid measures

**Inhalation** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get medical attention, if needed.

**Skin contact** No special measures required. Get medical attention if irritation develops or persists.

**Eye contact** Flush eyes immediately with large amounts of water. If irritation persists get medical attention.

**Ingestion** No special measures required. If ingestion of a large amount does occur, seek medical attention.

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

**4.3. 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.

### 5.1. 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.

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

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** In the event of fire, wear self-contained breathing apparatus. Material can be slippery when wet.

**Special fire fighting procedures** In the event of fire, cool tanks with water spray.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Material can be slippery when wet.

**For emergency responders** Not available.

<b>6.2. Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. None known.
<b>6.3. Methods and material for containment and cleaning up</b>	This product is miscible in water. Stop the flow of material, if this is without risk. Shovel the material into waste container. Cover with plastic sheet to prevent spreading. Following product recovery, flush area with water.
<b>6.4. Reference to other sections</b>	For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

<b>7.1. Precautions for safe handling</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Use this product with adequate ventilation. Avoid prolonged exposure. Keep away from heat and flame.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep in a cool, well-ventilated place. No special restrictions on storage with other products.
<b>7.3. Specific end use(s)</b>	Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
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#### Biological limit values

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
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#### Recommended monitoring procedures

Follow standard monitoring procedures.

### 8.2. Exposure controls

#### Appropriate engineering controls

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.

#### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses; chemical goggles for fumes which may arise from thermal processing. Eye wash fountain is recommended.
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#### Skin protection

<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.
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<b>Thermal hazards</b>	Not available.
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<b>Hygiene measures</b>	Use good industrial hygiene practices in handling this material.
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<b>Environmental exposure controls</b>	No special measures required
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## SECTION 9: Physical and chemical properties

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

#### Appearance

<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Colour</b>	Black. or Red.

<b>Odour</b>	Not available.
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<b>Odour threshold</b>	Not available.
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<b>pH</b>	Not applicable.
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<b>Melting point/freezing point</b>	Not available.
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<b>Initial boiling point and boiling range</b>	Not available.
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<b>Flash point</b>	Not flammable 101.67 °C (215.00 °F) estimated
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not explosive
<b>Flammability limit - upper (%)</b>	Not explosive
<b>Vapour pressure</b>	0.000036 hPa estimated
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	
<b>9.2. Other information</b>	No relevant additional information available.
<b>Percent volatile</b>	0 % estimated estimated

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	None known.
<b>10.2. Chemical stability</b>	Stable at normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	Will not occur.
<b>10.4. Conditions to avoid</b>	None known.
<b>10.5. Incompatible materials</b>	None known.
<b>10.6. 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>11.1. Information on toxicological effects</b>	
<b>Acute toxicity</b>	No data available.
<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/irritation</b>	This product may cause slight irritation to the eyes.
<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.

## Carcinogenicity

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

## Reproductive toxicity

Not available.

## Specific target organ toxicity - single exposure

Not available.

## Specific target organ toxicity - repeated exposure

Not available.

## Aspiration hazard

Not available.

## Mixture versus substance information

Not available.

## Other information

Not available.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available for this product. This material is not expected to be harmful to aquatic life.

### 12.2. Persistence and degradability

No data is available on the degradability of this product.

### 12.3. Bioaccumulative potential

Not available.

### Partition coefficient n-octanol/water (log Kow)

Not available.

### Bioconcentration factor (BCF)

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

Not a PBT or vPvB substance or mixture.

### 12.6. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Residual waste

Not available.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### EU waste code

Not available.

#### Disposal methods/information

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. Material should be recycled if possible.

## 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.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II**

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA**

Not listed.

#### Authorisations

**Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**

Not regulated.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding**

Not regulated.

#### Other EU regulations

**Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**

Not regulated.

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

Not regulated.

**Directive 94/33/EC on the protection of young people at work**

Not regulated.

#### 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.

### 15.2. 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.

<b>Full text of any statements or R-phrases and H-statements under Sections 2 to 15</b>	None.
<b>Revision information</b>	Composition/Information on Ingredients: Disclosure Overrides
<b>Training information</b>	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.
<b>Issued by</b>	EHS Department 2870 Forbs Avenue Hoffman Estates, IL 60192 +1-847-851-1500
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