

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## TURBO RENOVATING POWDER

Revision 1

Revision date 2015-07-23

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

#### 1.1. Product identifier

**Product name** TURBO RENOVATING POWDER

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

**Description** Glass and ware washing machine renovator.

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

<b>Company</b>	Chemisphere UK Ltd
<b>Address</b>	Unit 4 No 3 Richmond Road Trafford Park Manchester M17 1RE UK
<b>Web</b>	www.chemisphereuk.co.uk
<b>Telephone</b>	0044 161 874 7200
<b>Fax</b>	0044 161 874 7201
<b>Email</b>	contactus@chemisphereuk.co.uk
<b>Email address of the competent person</b>	wilfw@chemisphereuk.co.uk

#### 1.4. Emergency telephone number


<b>Emergency telephone number</b>	0044 776 724 8499
<b>Company</b>	Chemisphere UK Ltd Monday - Friday 08:00 - 17:00

### SECTION 2: Hazards identification

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

<b>2.1.1. Classification - 1999/45/EC</b>	Xi; R36/37/38 Symbols: Xi: Irritant.
<b>Main hazards</b>	Irritating to eyes, respiratory system and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

#### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P102 - Keep out of reach of children. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P101 - If medical advice is needed, have product container or label at hand. 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. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 - Get medical advice/attention. P332+P313 - If skin irritation occurs: Get medical advice/attention.

## 2.3. Other hazards

<b>Other hazards</b>	R31 - Contact with acids liberates toxic gas.
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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Chlorinated Trisodium Phosphate		56802-99-4	234-307-8		20 - 30%	Xi; R36/37/38	
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		20 - 30%	Xi; R36	

EC 1272/2008

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. Keep the affected person warm and at rest. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Transfer to hospital for specialist examination.
<b>Skin contact</b>	Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Do NOT induce vomiting. Drink 1 to 2 glasses of water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

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

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	Risk of serious damage to eyes.
<b>Skin contact</b>	Causes skin irritation.
<b>Ingestion</b>	Ingestion causes burns to the respiratory tract.

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

	Treat according to symptoms.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

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

In case of fire and/or explosion do not breathe fumes. May develop highly toxic or corrosive fumes if heated.

## 5.3. Advice for firefighters

Self-contained breathing apparatus. Wear suitable protective clothing.

## SECTION 6: Accidental release measures

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

Wear suitable protective clothing, gloves and eye/face protection.

### 6.2. Environmental precautions

Do not allow product to enter drains.

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

Avoid formation of dust. Transfer to suitable, labelled container. Clean spillage area thoroughly with plenty of water.

### Further information

For personal protection see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Do not breathe dust. Wear suitable gloves and eye/face protection. Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Ensure adequate ventilation of the working area. Do NOT mix with any other product.

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

Keep locked up and out of the reach of children. Keep container tightly closed and dry. Avoid contact with: Acids. Keep only in the original container.

### Further information

Renovation of drinking glasses and ware washing machines.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Chlorinated Trisodium Phosphate	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m <sup>3</sup> : 10
	WEL 15 min limit ppm:	WEL 15 min limit mg/m <sup>3</sup> :
	WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust:	WEL 15 min limit mg/m <sup>3</sup> total inhalable dust:
	WEL 8-hr limit mg/m <sup>3</sup> total respirable dust:	WEL 15 min limit mg/m <sup>3</sup> total respirable dust:

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area. Do not breathe dust.

#### 8.2.2. Individual protection measures

Wear suitable gloves and eye/face protection.

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## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder
<b>Colour</b>	White
<b>Odour</b>	Slight/Chlorine
<b>Relative density</b>	1
<b>Partition coefficient</b>	No data available
<b>Viscosity</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Autoignition temperature</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Solubility</b>	Soluble in water

### 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	Not applicable.
<b>Benzene Content</b>	Not applicable.
<b>Lead content</b>	Not applicable.
<b>VOC (Volatile organic compounds)</b>	Not applicable.

### Further information

No further information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Avoid contact with: Acids.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

### 10.4. Conditions to avoid

Heat. Moisture.

### 10.5. Incompatible materials

Strong acids.

### 10.6. Hazardous decomposition products

Chlorine. Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Harmful if swallowed.
<b>Skin corrosion/irritation</b>	Irritating to skin.

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## 11.1. Information on toxicological effects

Serious eye damage/irritation	Irritating to eyes.
Aspiration hazard	Irritating to respiratory system.

### 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
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### 12.2. Persistence and degradability

	Readily biodegradable.
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### 12.3. Bioaccumulative potential

	Does not bioaccumulate.
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### Partition coefficient

	<b>TURBO RENOVATING POWDER</b> No data available <b>Chlorinated Trisodium Phosphate</b> Not applicable. <b>Sodium carbonate</b> No data available
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### 12.4. Mobility in soil

	Soluble in water.
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### Further information

	No data available.
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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 methods

	Do not empty into drains; dispose of this material and its container in a safe way.
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### Disposal of packaging

	Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.
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### Further information

	Disposal together with normal waste is not allowed.
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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.

## SECTION 15: Regulatory information

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

<b>Regulations</b>	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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#### Further information

Caution - substance not yet fully tested.

## SECTION 16: Other information

### Other information

<b>Revision</b>	This document differs from the previous version in the following areas:. 1 - Description. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal.
<b>Text of risk phrases in Section 3</b>	R36/37/38 - Irritating to eyes, respiratory system and skin. R36 - Irritating to eyes.
<b>Text of Hazard Statements in Section 3</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.

#### Further information

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.