

## SAFETY DATA SHEET TOILET CLEANER SACHET

According to Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

Revision date: 20/06/2020

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

#### 1.1. Product identifier

Product name TOILET CLEANER SACHET

Product number CH320E

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

Identified uses Toilet cleaner concentrate. For professional use only.

Uses advised against Not for oral consumption. Not for use in conjunction with Bleach

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

Supplier SHORROCK TRICHEM LTD  
Chanters Industrial Estate, Atherton, Manchester, M46 9SD  
01942 875 325  
sales@shorrocktrichem.com

#### 1.4. Emergency telephone number

Emergency telephone 01942 875 325 (office hours) UK Environment Agency 24hour Advisory Service 0800 807060.  
For UK Medical Emergency Advice Dial 111.  
This product is registered with the UK NPIS service (access for medical Professionals only).  
This product is registered with the Irish National Poisons Centre Tel:+353 (01) 809 2166.

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word Warning

Hazard statements H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P402+P404 Store in a dry place. Store in a closed container.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Labelling notes** WHEN DILUTED FOR NORMAL USE, SOLUTIONS OF THIS PRODUCT HAVE NO HEALTH OR ENVIRONMENTAL HAZARDS

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>SULPHAMIC ACID</b>	<b>30-60%</b>
CAS number: 5329-14-6	EC number: 226-218-8
	REACH registration number: 01-2119488633-28-XXXX
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Aquatic Chronic 3 - H412	
<b>CATIONIC GUAR GUM</b>	<b>30-60%</b>
CAS number: 65497-29-2	EC number: 613-809-4
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>SODIUM CARBONATE</b>	<b>10-30%</b>
CAS number: 497-19-8	EC number: 207-838-8
	REACH registration number: 01-2119485498-19-XXXX
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>3a,4,5,6,7,7a-Hexahydro-4,7-methanoinden-6-yl acetate</b>	<b>1-5%</b>
CAS number: 5413-60-5	EC number: 226-501-6
	REACH registration number: 01-2119934491-39-XXXX
<b>Classification</b>	
Eye Irrit. 2 - H319	
Aquatic Chronic 3 - H412	

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<b>TERPINEOL</b>		<b>1-5%</b>
CAS number: 8000-41-7	EC number: 232-268-1	REACH registration number: 01-2119553062-49-XXXX
<b>Classification</b>		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
<b>Linalyl acetate</b>		<b>1-5%</b>
CAS number: 115-95-7	EC number: 204-116-4	REACH registration number: 01-2119454789-19-XXXX
<b>Classification</b>		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		

The full text for all hazard statements is displayed in Section 16.

**Composition comments**            To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing that is not stuck to the skin. Flush area with clean water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.
<b>Inhalation</b>	Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose.
<b>Ingestion</b>	Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Chemical burns are possible after prolonged contact.
<b>Eye contact</b>	May cause irritation to the eyes.

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

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**Notes for the doctor**                      Rinse well with water to neutral pH. Check eyes for damage. Check for abrasion to the surface of eyes.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

**Suitable extinguishing media**    The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards**                      The product is non-combustible.

##### 5.3. Advice for firefighters

**Protective actions during firefighting**                      Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**                      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

#### SECTION 6: Accidental release measures

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

**Personal precautions**                      Wear protective clothing as described in Section 8 of this safety data sheet.

##### 6.2. Environmental precautions

**Environmental precautions**                      Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

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

**Methods for cleaning up**                      Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

##### 6.4. Reference to other sections

**Reference to other sections**                      See sections 8, 12 & 13

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

**Usage precautions**                      Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

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

**Storage precautions**                      Keep container tightly closed and dry. Store between 0 and 30 Degrees C.

##### 7.3. Specific end use(s)

**Specific end use(s)**                      Toilet cleaner concentrate.

#### SECTION 8: Exposure controls/Personal protection

##### 8.1. Control parameters

##### Occupational exposure limits

##### **SODIUM CARBONATE**

Long-term exposure limit (8-hour TWA): 8 mg/m<sup>3</sup>

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#### Ingredient comments

WEL = Workplace Exposure Limits Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. The Long Term WEL refers to total exposure of a worker to a specific substance averaged out over an 8 hour period.

The Short Term WEL refers to a single exposure of a worker to a specific substance over a 15 minute period.

If the Short Term WEL is exceeded and no Long Term Limit is set, further exposure during the working shift is not permitted. Further controls should be implemented to ensure that future exposure to the substance is reduced below the levels set before the activity is repeated/continued. Where no Short Term WEL exists, guidance from the HSE is to use a value of three times the Long Term WEL.

The WEL limits are laid down in the EH40 list as supplied by the HSE. Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

##### Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimise contact with the product.

##### Eye/face protection

The following protection should be worn: If risk of splashing, wear safety goggles or face shield. Refer to EN Standard 166 to select appropriate level of protection.

##### Hand protection

Upon exposure to sachet contents: Wear protective gloves. Rubber, neoprene or PVC. The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary.

##### Other skin and body protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.

##### Hygiene measures

Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse. Provide eyewash station and safety shower.

##### Respiratory protection

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit.

##### Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13.

##### General Health and Safety Measures.

Note:- In use solutions at recommended dilution are not classified, but a risk assessment to determine PPE should be conducted. Use of gloves and eye protection is recommended.

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#### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder in water-soluble PVA sachet.
<b>Colour</b>	Blue green.
<b>Odour</b>	Fresh Pine
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	2.6 - 3 at normal use of 1 - 2% wt/v
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable. Contains no Flammable Components
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	Not applicable.
<b>Bulk density</b>	~2.5g/cm <sup>3</sup>
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not applicable. Not technically practical for mixtures.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not applicable. Contains no Oxidising Components.

##### 9.2. Other information

<b>Refractive index</b>	Not applicable.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not applicable.
<b>Volatility</b>	Not applicable.
<b>Saturation concentration</b>	Not applicable.
<b>Critical temperature</b>	Not applicable.

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<b>Volatile organic compound</b>	Not applicable.
<b>Explosive Properties</b>	Not Classified as Explosive
<b>Storage Temperature Range</b>	store between 0 - 30 Degrees C

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.

##### 10.2. Chemical stability

**Stability** Stable when stored in a dry place. Stable at normal ambient temperatures and when used as recommended. - See note 10.6.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Refer to section 10.1. Mixing with Bleach will produce toxic Chlorine gas.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

##### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with the following materials: Bleach.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. - See section 10.5.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Respiratory sensitisation

**Respiratory sensitisation** No evidence of respiratory sensitisation for any component of this formulation.

###### Skin sensitisation

**Skin sensitisation** No evidence of skin sensitisation for any component of this formulation.

###### Carcinogenicity

**Carcinogenicity** The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

###### Reproductive toxicity

**Reproductive toxicity - fertility** The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing foetus.

**General information** See section 4.2.

**Inhalation** Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. - See section 4.2.

**Ingestion** Will cause severe irritation to mouth, throat and GI-Tract.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

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### SECTION 12: Ecological information

**Ecotoxicity** This product is classified as harmful to aquatic life. Normal use is not expected to pose a risk.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not expected to bioaccumulate.

**Partition coefficient** Not applicable. Not technically practical for mixtures.

#### 12.4. Mobility in soil

**Mobility** The product contains substances which are water soluble and may spread in water systems.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** Not determined.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Do not mix with other chemicals.

**Disposal methods** Small volumes of use solution can be disposed of to sewers.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

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

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user



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Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

### SECTION 15: Regulatory information

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

**EU legislation** European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.  
This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

#### 15.2. Chemical safety assessment

##### **Pcs Information**

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet** (EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures.  
NPIS - National Poisons Information Service.  
vPvB - Very Persistent, Very bioaccumulative.  
PBT - Persistent, Bioaccumulative & Toxic.  
REACH - Registration, Evaluation, Authorisation & restriction of CHemicals (Regulation EC 1907/2006).  
DNEL - Derived No Effect Limit.  
PNEC - Predicted No Effect Concentration.  
COSHH - Control of Substances Hazardous to Health.  
Industry - Refers in section 8 to application of the substance in an industrial process.  
Professional - Refers in section 8 to application/use of the preparation/product in a skilled trade premises.

**General information** This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.

**Revision comments** Addition of Emergency Contact Details

**Revision date** 20/06/2020

**Hazard statements in full** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**REACH extended MSDS comments** REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios.  
Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

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**END OF SAFETY DATA  
SHEET**

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.