



## SAFETY DATA SHEET

### CLEAN SOLUTIONS TOILET CLEANER

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

##### 1.1. Product identifier

Product name Clean Solutions Toilet Cleaner

Product number TWGCS015

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

Identified uses Acidic Toilet Cleaner and Descaler. For professional use only.

Uses advised against Do not use with Hypochlorite (bleach) based solution or strong oxidants,  
Not for oral consumption.

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

Supplier The Wholesale Group,  
Cotswold Business Centre,  
2 AP Ellis Road,  
Upper Rissington,  
Cheltenham GL54 2QB  
Tel: +44 (0) 1422 319100

##### 1.4. Emergency telephone number

National emergency telephone number In case of a medical emergency following exposure to a chemical call  
NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland  
08454 24 24 24

#### 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 Dam. 1 - H318

Environmental hazards Not Classified

##### 2.2. Label elements

Symbols



Signal word

Danger

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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements</b>        | H315 Causes skin irritation.<br>H318 Causes serious eye damage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Precautionary statements</b> | P102 Keep out of reach of children.<br>P15 Restricted to professional users only.<br>P264 Wash contaminated skin thoroughly after handling.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER/doctor.<br>P313 Get medical advice/ attention.<br>P321 Specific treatment (see medical advice on this label).<br>P332+P313 If skin irritation occurs: Get medical advice/attention.<br>P362+P364 Take off contaminated clothing and wash it before reuse<br>P404 Store in a closed container.<br>P501 Dispose of contents/ container in accordance with national regulations. |
| <b>Contains</b>                 | Sulphamic Acid, N,N-bis[poly(oxyethylene)]-N-oleyamine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Detergent Labelling</b>      | Sulphamic Acid, <5% non-ionic surfactant, <5% disinfectant, Parfum, CI ABU62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Note: "H290 May Be Corrosive to Metals" relates to the concentrated product.

## **SECTION 3: Composition/information on ingredients**

### 3.1. Mixtures

|                                                                                                                           |                |
|---------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>SULPHAMIC ACID</b><br>CAS Number 5329-14-6<br>EC Number 226-218-8<br>REACH Registration Number: 01- 2119488633-28-XXXX | <b>5 - 10%</b> |
| <b>N,N-bis[poly(oxyethylene)]-N-oleyamine</b><br>CAS Number 26635-93-8<br>EC Number 500-048-7                             | <b>1 – 5%</b>  |
| <b>BRONOPOL</b><br>CAS Number: 52-51-7<br>EC Number: 200-143-0<br>REACH registration number: 01- 2119980938-15-0000       | <b>&lt;1%</b>  |

The full text for all R-phrases and Hazard Statements is displayed in section 16.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                     |                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Remove affected person from source of contamination. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues. |
| <b>Ingestion</b>    | Do not induce vomiting. Rinse mouth thoroughly. Place unconscious person on their 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. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.          |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Promptly wash eyes with plenty of water while lifting the eyelids. 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 chemical burns and permanent eye damage. Dilute product may cause irritation to the skin and eyes.                                                                                                                                            |
| <b>Inhalation</b>          | This product is corrosive. Inhalation of neat product is unlikely. However, inhalation of vapours from hot surfaces, or sprayed droplets may result in severe burns to the mouth, nose, GI tract and airways.                                                        |
| <b>Ingestion</b>           | Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, chemical burning of mouth, throat and GI tract will occur. If dilute chemical is ingested, soreness of mouth, throat and GI tract may occur together with redness and blistering. |
| <b>Skin contact</b>        | Causes severe burns.                                                                                                                                                                                                                                                 |
| <b>Eye contact</b>         | May cause chemical eye burns. May result in permanent eye damage.                                                                                                                                                                                                    |

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

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| <b>Notes for the doctor</b> | Rinse well with water to neutral pH, Treat symptomatically. |
|-----------------------------|-------------------------------------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | Extinguish with foam, carbon dioxide, dry powder or water fog. |
|-------------------------------------|----------------------------------------------------------------|

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

|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| <b>Hazardous combustion</b> | This product is non-combustible, on heating corrosive vapours, toxic |
|-----------------------------|----------------------------------------------------------------------|

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**Products** fumes may be formed and released. Contact with Sodium Hypochlorite or products containing Sodium Hypochlorite will liberate Chlorine Gas. Toxic gases are formed when in contact with Copper and its Alloys (Brass).

### **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** For personal protection see Section 8. Beware of slippery floors and surfaces in case of spills.

### **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.

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

**Methods for cleaning up** Stop leak if safe to do so. Absorb with vermiculite, dry sand or earth or other non-combustible material and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Read and follow the manufacturer's recommendations. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Refer to section 8.

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### Advice on general occupational hygiene

Do not eat, drink or smoke while using this product.

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

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 5°C and 25°C. Keep away from chlorinated and alkaline products. Keep out of the reach of children.

### 7.3. Specific end use(s)

#### Specific end use(s)

Acidic Detergent. The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### DNEL

Available hazard data do not support the need for a DNEL to be established for other health effects.

### 8.2. Exposure controls

#### Protective Equipment



#### Appropriate engineering Controls

Ensure good ventilation of the work station.

#### Eye/face protection

Safety glasses. Use eye protection according to EN 166.

#### Hand protection

Wear protective gloves. It is recommended that chemical-resistant, impervious gloves are worn.

#### Other skin and body Protection

Wear suitable protective clothing as protection against splashing or contamination

#### Hygiene measures

While using do not eat, drink or smoke.

#### Respiratory protection

Respiratory protection is not required for normal condition of use.

#### Environmental exposure controls

Avoid releasing into the environment. Keep the container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Viscous liquid.

#### Colour

Blue

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|                                                 |                                                             |
|-------------------------------------------------|-------------------------------------------------------------|
| <b>Odour</b>                                    | Perfume (Fresh)                                             |
| <b>Odour threshold</b>                          | Not applicable.                                             |
| <b>pH</b>                                       | pH (concentrated solution): < 2                             |
| <b>Relative density</b>                         | 1.00 - 1.05                                                 |
| <b>Solubility(ies)</b>                          | Soluble in water.                                           |
| <b>Explosive under the influence of a flame</b> | Not considered to be explosive.                             |
| <b>Comments</b>                                 | Information given is applicable to the product as supplied. |

### **9.2. Other information**

|                           |                             |
|---------------------------|-----------------------------|
| <b>Other information</b>  | Not relevant.               |
| Explosive Properties      | Not Classified as Explosive |
| Storage Temperature Range | 5 - 25°C                    |

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

|                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b> | Stable under normal temperature conditions and recommended use. Avoid contact with caustic/alkaline material; this will generate heat and potentially corrosive vapour. Avoid contact with bleach and other hypochlorite based products; this will produce toxic Chlorine gas. The following materials may react with the product: Oxidising materials. Strong oxidising agents. Strong alkalis. |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **10.2. Chemical stability**

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---------------------------------------------------------------------|

### **10.3. Possibility of hazardous reactions**

|                                           |                                                                                                                                                                        |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Possibility of hazardous Reactions</b> | Refer to section 10.1. Reacts with alkalis and generates heat. Do not mix with Hypochlorite based chemicals; this will result in the generation of toxic chlorine gas. |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **10.4. Conditions to avoid**

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| <b>Conditions to avoid</b> | Avoid exposure to high temperatures or direct sunlight. |
|----------------------------|---------------------------------------------------------|

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### **10.5. Incompatible materials**

**Materials to avoid** Alkalis. Bleach. Contact with some metals can liberate highly flammable hydrogen gas which may form explosive mixtures with air.  
Note:- Comment refers to neat product.

### **10.6. Hazardous decomposition products**

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

**Toxicological effects** No data recorded.

**Acute toxicity - oral** Not Available  
**Notes (oral LD<sub>50</sub>)**

**Acute toxicity - dermal** Not Available  
**Notes (dermal LD<sub>50</sub>)**

**Acute toxicity – inhalation** Not Available  
**Notes (inhalation LC<sub>50</sub>)**

**Skin corrosion/irritation** < 2 Skin Corrosivity  
**Skin corrosion/irritation**

**Serious eye damage/irritation** Cause serious eye irritation  
**Serious eye damage/irritation**

**Respiratory sensitisation** Not Available  
**Respiratory sensitisation**

**Skin sensitisation** Not Available  
**Skin sensitisation**

**Germ cell mutagenicity** Not Available  
**Genotoxicity - in vitro**

**Carcinogenicity** Not Available  
**Carcinogenicity**

**Reproductive toxicity** Not Available  
**Reproductive toxicity - fertility**

**Specific target organ toxicity - single exposure**  
**STOT - single exposure** Not Available

**Specific target organ toxicity - repeated exposure**  
**STOT - repeated exposure** Not Available

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|                            |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Toxic effect linked with corrosive properties.                                                                   |
| <b>Ingestion</b>           | May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. |
| <b>Skin contact</b>        | Causes severe burns.                                                                                             |
| <b>Eye contact</b>         | Risk of serious eye damage. May cause permanent eye injury.                                                      |

### **SECTION 12: Ecological Information**

**Ecotoxicity** No ecotoxicity data.

#### **12.1. Toxicity**

#### **12.2. Persistence and degradability**

**Persistence and degradability** This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents

#### **12.3. Bioaccumulative potential**

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

#### **12.4. Mobility in soil**

**Mobility** The product is water-soluble.

#### **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 known.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

**General information** Waste should be treated as controlled waste.

**Disposal methods** Dispose of used solutions via the foul sewer. Small quantities (up to 5 litres) of unused product may be diluted with plenty of water and discharged to the foul drain in accordance with local authority requirements. Larger quantities should be collected and disposed of through a licensed waste disposal contractor. Rinse empty containers with water before disposal and place them in the general waste stream unless local regulations require otherwise.

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### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 1760

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE LIQUID, Inorganic N.O.S. (CONTAINS SULPHAMIC ACID)

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

ADR/RID Class 8  
ADR/RID Classification Code C9

#### 14.4. Packing group III

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

#### 14.6. Special precautions for user

EmS F-A, S-B  
ADR transport category 1  
Emergency Action Code 2X  
Hazard Identification Number (ADR/RID) 88  
Tunnel restriction code (E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. Not applicable

### SECTION 15: Regulatory information

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

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
EH40/2005 Workplace exposure limits.

**EU legislation** Regulation (EC) No 1223/2009 on cosmetic products  
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

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Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

**Guidance** COSHH Essentials.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.

### 15.2. Chemical safety assessment

No data available on this product.

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

**Abbreviations and acronyms used in the safety data sheet** PBT: Persistent, Bioaccumulative and Toxic substance  
vPvB: Very Persistent and Very Bioaccumulative.

**Revision date** 26/11/2025

**SDS Number** 261125

**Hazard statements in full** EUH208 Contains Perfume. May produce an allergic reaction.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

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.