



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier 3001081

Product name : Hospec Daily Use TOILET CLEANER 750ml  
Product code : 56013200

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

Product Type : Toilet Cleaner

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

Registered company name : McBride Plc Middleton.  
Address : Middleton Way, Middleton.M24 4DP.Manchester.UK.  
Telephone : + 44 (0) 161 653 9037. Fax : .  
MSDS@mcbride.co.uk  
www.detergentinfo.com

#### 1.4. Emergency telephone number : + 44 (0) 161 653 9037.

Association/Organisation : .

Other emergency numbers

### SECTION 2 : HAZARDS IDENTIFICATION

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

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard statements :

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Precautionary statements - Prevention :

P273 Avoid release to the environment.

Precautionary statements - Disposal :

P501 Dispose of contents/container in accordance with local requirements on waste disposal.

#### 2.3. Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.



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**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures****Composition :**

| Identification  | (EC) 1272/2008   | 67/548/EEC                        | Note | %              |
|---|--|-----------------------------------|------|----------------|
| INDEX: 1001305<br>CAS: 68424-85-1<br>EC: 270-325-2<br>BENZALKONIUM CHLORIDE | GHS07, GHS05, GHS09<br>Dgr<br>Met. Corr. 1, H290<br>Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400<br>M Acute = 10<br>Aquatic Chronic 1, H410<br>M Chronic = 1 | C,NC;R34Xn;R21/22N<br>;R50/53-R50 |      | 0 <= x % < 2.5 |

Information on ingredients :

Other data :

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**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

In the event of exposure by inhalation :

In the event of splashes or contact with eyes :

In the event of splashes or contact with skin :

In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

Specific and immediate treatment :

Information for the doctor :

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

Suitable methods of extinction

In the event of a fire, use :

Unsuitable methods of extinction

In the event of a fire, do not use :

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)**5.3. Advice for firefighters**

No data available.



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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

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## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

Recommended types of packaging :

Suitable packaging materials :

Unsuitable packaging materials :

### 7.3. Specific end use(s)

No data available.

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## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No data available.

Occupational exposure limits :

Biological limits :

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

Predicted no effect concentration (PNEC):

### 8.2. Exposure controls

Suitable technical inspections

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.



Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

Recommended properties :

#### - Body protection

Suitable type of protective clothing :

Suitable type of protective boots :

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Type of FFP mask :

Category :

Type of mask with combined filters :

Type of powered air-purifying respirator :

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

Particle filter according to standard EN143 :

Independent breathing apparatus for respiratory protection :

#### - Thermal risks

Exposure controls linked to environmental protection

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### General information :

Physical state : Fluid liquid.

Odour threshold : Not relevant

Apparent bulk density (Packed) : Not relevant

Apparent bulk density (Loose packed) : Not relevant

#### Important health, safety and environmental information

pH (aqueous solution) :  $\pm 7.0$

pH : Not stated.

Neutral.

Boiling point/boiling range : Not relevant.

Flash point interval : Not relevant.

Flammability (solid, gas) : Not relevant

Explosive properties, lower explosivity limit (%) : Not relevant

Explosive properties, upper explosivity limit (%) : Not relevant

Oxidising properties : Not relevant

Vapour pressure (50°C) : Not relevant.

Vapour density : Not relevant

Density :  $\pm 1.000$

Method for determining the density :

Water solubility : Soluble. Not relevant

Method for determining the water solubility :

Fat solubility : Not relevant

Partition coefficient: n-octanol/water : Not relevant

Method for determining the partition coefficient n-octanol/water :

Viscosity : Not stated

Method for determining the viscosity :

Evaporation rate : Not relevant

Melting point/melting range : Not relevant.



Self-ignition temperature : Not relevant.  
Decomposition point/decomposition range : Not relevant.

## 9.2. Other information

No data available.

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## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid :  
- frost

### 10.5. Incompatible materials

Keep away from :

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :  
- carbon monoxide (CO)  
- carbon dioxide (CO<sub>2</sub>)

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## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

No data available.

#### 11.1.1. Substances

No toxicological data available for the substances.

Acute toxicity :

Skin corrosion/skin irritation :

Serious damage to eyes/eye irritation :

Respiratory or skin sensitisation :

Germ cell mutagenicity :

Carcinogenicity :

Reproductive toxicant :

Specific target organ systemic toxicity - single exposure :

Specific target organ systemic toxicity - repeated exposure :

Aspiration hazard :

#### 11.1.2. Mixture

No toxicological data available for the mixture.

Acute toxicity :

Skin corrosion/skin irritation :

Serious damage to eyes/eye irritation :

Respiratory or skin sensitisation :

Germ cell mutagenicity :

Carcinogenicity :

Reproductive toxicant :

Specific target organ systemic toxicity - single exposure :

Specific target organ systemic toxicity - repeated exposure :



Aspiration hazard :

Symptoms related to the physical, chemical and toxicological characteristics

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Interactive effects

Absence of specific data

Mixture versus substance information

Other information

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## SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

### 12.1. Toxicity

#### 12.1.1. Substances

BENZALKONIUM CHLORIDE (CAS: 68424-85-1)

Fish toxicity : 1 < LC50 <= 10 mg/l

Species : Others

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

0,001 < NOEC <= 0,01 mg/l

Factor M = 1

Duration of exposure : 28 days

Crustacean toxicity : 0.01 < EC50 <= 0.1 mg/l

Factor M = 10

Species : Daphnia magna

Duration of exposure : 48 h

OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : 0.01 < ECr50 <= 0.1 mg/l

Factor M = 10

Species : Selenastrum capricornutum

Duration of exposure : 96 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

#### 12.2.1. Substances

BENZALKONIUM CHLORIDE (CAS: 68424-85-1)

Biodegradability : Fast degrading.

#### 12.2.2. Mixtures

### 12.3. Bioaccumulative potential

No data available.

#### 12.3.1. Substances

#### 12.3.2. Mixtures

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

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## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

#### Local arrangements :

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

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## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

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## SECTION 15 : REGULATORY INFORMATION

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

#### - Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations

- Directive 1999/45/EC and its adaptations

- Regulation EC 1272/2008 modified by regulation EC 618/2012

- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

#### - Container information:

No data available.

#### - Particular provisions :

No data available.

#### - Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

#### Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :

| CAS | Substance | Group | Formula | Category | ODP |
|-----|-----------|-------|---------|----------|-----|
|-----|-----------|-------|---------|----------|-----|

#### - Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

#### - Swiss ordinance on the incentive tax on volatile organic compounds :

### 15.2. Chemical safety assessment

No data available.

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## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

No labelling requirements for this mixture.



SAFETY DATA SHEET (1907/2006/EC)

3001081 – TOILET BOWL CLEANER PINE

Version : n° 1 (25/07/2014)

Revision : n° 5 (25/07/2014)

Date : 24/02/15

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Title for H, EUH and R indications mentioned in section 3 :

|             |  |
|-------------|--|
| H290        | May be corrosive to metals.  |
| H302        | Harmful if swallowed.  |
| H302 + H312 | Harmful if swallowed or in contact with skin.  |
| H312        | Harmful in contact with skin.  |
| H314        | Causes severe skin burns and eye damage.   |
| H400        | Very toxic to aquatic life.  |
| H410        | Very toxic to aquatic life with long lasting effects.  |
| R 21/22     | Harmful in contact with skin and if swallowed.   |
| R 34        | Causes burns.  |
| R 50        | Very toxic to aquatic organisms.   |
| R 50/53     | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).