



**SAFETY DATA SHEET**  
**Stardrops The Pink Stuff The Miracle Toilet Cleaner**

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

**1.1. Product identifier**

**Product name** Stardrops The Pink Stuff The Miracle Toilet Cleaner  
**Product number** BLE567  
**UFI** UFI: YPJ1-V01T-N00E-F6VS

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

**Identified uses** Toilet cleaner  
**Uses advised against** Use only for intended applications.

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

**Supplier** Star Brands Limited  
 1175 Thorpe Park,  
 Century Way,  
 Leeds,  
 LS15 8ZB  
 England  
 UK  
 +44 (0) 113 2666 300  
 +44 (0) 113 2666 690  
 sds@starbrandsltd.co.uk

**Contact person** sds@starbrandsltd.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 113 2666 300 (09.00-17.00 Mon-Fri)  
**National emergency telephone number** UK: 0844 892 0111 (healthcare professionals only, 24/7)/ NHS 111 (public, 24/7)  
 Dublin: +353 1 8092566 (public, 8am - 10pm, 7/7) +353 01 809 2566 (Professionals, 24/7)

**SECTION 2: Hazards identification**

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

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Aquatic Chronic 3 - H412

**2.2. Label elements**

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	P102 Keep out of reach of children.
	P103 Read label before use.
	P264 Wash contaminated skin thoroughly after handling.
	P273 Avoid release to the environment.
	P501 Dispose of contents/ container in accordance with national regulations.

### 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>Citric Acid Monohydrate</b> CAS number: 5949-29-1                      EC number: 201-069-1	<b>&lt;1%</b>
<b>Classification</b> Eye Irrit. 2 - H319	
<b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides</b> CAS number: 68424-85-1                      EC number: 270-325-2 M factor (Acute) = 10                      M factor (Chronic) = 1	<b>&lt;1%</b>
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
<b>C12-14 Pareth- 7</b> CAS number: 68439-50-9                      EC number: 500-213-3 M factor (Acute) = 1	<b>&lt;1%</b>
<b>Classification</b> Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Keep affected person warm and at rest. Do not induce vomiting unless under the direction of medical personnel. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues. If in doubt, get medical attention promptly.
<b>Skin contact</b>	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist.

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Get medical attention immediately. Continue to rinse.

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

**General information** The product is considered to be a low hazard under normal conditions of use. See Section 11 for additional information on health hazards.

**Inhalation** The product is considered to be a low hazard under normal conditions of use.

**Ingestion** The product is considered to be a low hazard under normal conditions of use. May be harmful if swallowed.

**Skin contact** Prolonged skin contact may cause temporary irritation. Skin irritation should not occur when used as recommended.

**Eye contact** May cause discomfort.

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

**Notes for the doctor** Treat symptomatically.

**Specific treatments** No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Extinguish with the following media: Foam, carbon dioxide or dry powder.

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

**Specific hazards** The product is non-combustible. The product is not flammable.

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**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** Avoid inhalation of vapours. Avoid contact with eyes and prolonged skin contact. Use recommended protective equipment, see section 8. Ensure good ventilation.

**For non-emergency personnel** Remove persons for safety reasons

**For emergency responders** Wear breathing apparatus if exposed to vapours/spray/gases

### 6.2. Environmental precautions

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used. Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations.

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### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.

**Advice on general occupational hygiene** When using do not eat, drink or smoke. Wash contaminated skin thoroughly after handling.

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

**Storage precautions** This product should be kept inaccessible to small children and well separated from products intended to be consumed. Store cool and only in original packaging.

**Storage class** Unspecified storage.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### Citric Acid Monohydrate (CAS: 5949-29-1)

#### PNEC

PNEC Fresh water 0.44 mg/l (l)  
 PNEC Marine water 0.044 mg/l (l)  
 PNEC Fresh water sediment 3.46 mg/kg (l)  
 PNEC Marine sediment 34.6 mg/kg (l)  
 PNEC Soil 33.1 mg/kg (l)  
 PNEC STP >1000 mg/l (l)

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls**

Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.

**Eye/face protection**

Wear eye protection.

**Hand protection**

Wear protective gloves made of the following material: Nitrile Gloves Nitrile rubber. Polyvinyl chloride (PVC). It should have a minimum thickness of 0.55mm Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Wash hands thoroughly after handling. Do not smoke in work area.

**Respiratory protection**

No specific requirements are anticipated under normal conditions of use.

**Environmental exposure controls**

Ensure all engineering measures mentioned in section 7 of this SDS are in place

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### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Slightly viscous liquid.
<b>Colour</b>	Pink. / Red.
<b>Odour</b>	Perfume.
<b>Odour threshold</b>	No specific test data are available.
<b>pH</b>	pH (concentrated solution): 2.70- 3.70
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	This product does not sustain combustion.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	Not available.
<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 known.
<b>Vapour density</b>	Not known.
<b>Relative density</b>	1.000- 1.010g/ml
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Data lacking.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	250 - 500 cP @ 20°C
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Information given is applicable to the product as supplied.

#### 9.2. Other information

<b>Refractive index</b>	No information required.
<b>Particle size</b>	No specific test data are available.
<b>Molecular weight</b>	No information required.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not applicable.

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<b>Critical temperature</b>	Not applicable.
<b>Volatile organic compound</b>	No information required.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.
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#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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<b>ATE oral (mg/kg)</b>	125,000.0
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Acute toxicity - inhalation

<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
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#### Respiratory sensitisation

<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
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#### Skin sensitisation

<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
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### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Based on the available information, classification criteria are not met.

### Toxicological information on ingredients.

#### Citric Acid Monohydrate

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,040.0

**Species** Mouse

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 5400 mg/kg, Oral, Mouse

**ATE oral (mg/kg)** 5,040.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rat

**ATE dermal (mg/kg)** 2,001.0

#### Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 200.0

**Species** Rat

**ATE oral (mg/kg)** 500.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 400.0

**Species** Rat

**ATE dermal (mg/kg)** 1,100.0

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##### Acute toxicity - oral

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**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 2,000 (OECD 401) mg/kg, Oral, Rat

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> 2,000 (OECD 402) mg/kg, Dermal, Rabbit

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> 1.6 (OECD 403) mg/l, Inhalation, Rat

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** The product is classified as harmful to aquatic life with long lasting effects.

### Ecological information on ingredients.

#### Citric Acid Monohydrate

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 440-706 mg/l, Fish

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 1535 : mg/l, Daphnia magna

**Acute toxicity - aquatic plants** LC<sub>50</sub>, 440 : mg/l, Algae

#### Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)** 10

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 0.515 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 0.016 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 0.049 mg/l, Selenastrum capricornutum

##### Chronic aquatic toxicity

**M factor (Chronic)** 1

**Chronic toxicity - fish early life stage** NOEC, 28 days: 0.032 mg/l, Pimephales promelas (Fat-head Minnow)

**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 0.015 mg/l, Daphnia magna

#### C12-14 Pareth- 7

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - aquatic invertebrates** NOEC, : 0.77 mg/l, Daphnia magna



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### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Data lacking.

### 12.4. Mobility in soil

**Mobility** The product is miscible with water and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Dispose of waste product or used containers in accordance with local regulations

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

## SECTION 14: Transport information

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

**Road transport notes** Not regulated.

**Rail transport notes** Not regulated.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not regulated.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

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### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage. Always transport in closed containers that are upright and secure.

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

Transport in bulk according to Not relevant.

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Stardrops The Pink Stuff The Miracle Toilet Cleaner

<b>Abbreviations and acronyms used in the safety data sheet</b>	ATE: Acute Toxicity Estimate.
	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
	ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
	CAS: Chemical Abstracts Service.
	DNEL: Derived No Effect Level.
	GHS: Globally Harmonized System.
	LC <sub>50</sub> : Lethal Concentration to 50 % of a test population.
	LD <sub>50</sub> : Lethal Dose to 50% of a test population (Median Lethal Dose).
	PNEC: Predicted No Effect Concentration.
	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
	SVHC: Substances of Very High Concern.
	vPvB: Very Persistent and Very Bioaccumulative.
	IARC: International Agency for Research on Cancer.
	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
	cATpE: Converted Acute Toxicity Point Estimate.
	EC <sub>50</sub> : 50% of maximal Effective Concentration.
	LOAEC: Lowest Observed Adverse Effect Concentration.
	LOAEL: Lowest Observed Adverse Effect Level.
	LOEC: Lowest Observed Effect Concentration.
	DMEL: Derived Minimal Effect Level.
	RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
	IATA: International Air Transport Association.
	IMDG: International Maritime Dangerous Goods.
<b>Classification abbreviations and acronyms</b>	Acute Tox. = Acute toxicity
	Aquatic Acute = Hazardous to the aquatic environment (acute)
	Aquatic Chronic = Hazardous to the aquatic environment (chronic)
	Asp. Tox. = Aspiration hazard
	Carc. = Carcinogenicity
	STOT RE = Specific target organ toxicity-repeated exposure
	STOT SE = Specific target organ toxicity-single exposure
	Eye Dam. = Serious eye damage
	Met. Corr. = Corrosive to metals
	Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation	
Skin Sens. = Skin sensitisation	
<b>Revision date</b>	16/10/2020
<b>Revision</b>	4
<b>Supersedes date</b>	16/10/2020
<b>SDS number</b>	6116

## **Stardrops The Pink Stuff The Miracle Toilet Cleaner**

### **Hazard statements in full**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.