



SAFETY DATA SHEET

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

1.1. Product identifier

Product name Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

UFI UFI: YC00-W0ER-S004-1QAF

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 EU, c/o Allegro,
Innovation Factory, Belfast,
BT12 7DG
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)

EU: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

2.2. Label elements

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.
 P103 Read label before use.
 P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves and eye protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P501 Dispose of contents/ container in accordance with local regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. According to Regulation (EC) No 1272/2008 [CLP] No specific dangers known if the regulations/notes for storage and handling are considered.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

CITRIC ACID Anhydrous	30-60%
CAS number: 77-92-9	EC number: 201-069-1
Classification	
Eye Irrit. 2 - H319	
sodium carbonate	1-5%
CAS number: 497-19-8	EC number: 207-838-8
Classification	
Eye Irrit. 2 - H319	
Sodium dodecylbenzene sulphonate	1-5%
CAS number: 68411-30-3	EC number: 270-115-0
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
PPG2 METHYL ETHER	<1%
CAS number: 34590-94-8	EC number: 252-104-2
Classification	
Not Classified	

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

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

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	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.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist.
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	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	No adverse effects known. But - May cause discomfort if swallowed.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Causes serious eye irritation.

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.
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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.
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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

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

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.

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

Occupational exposure limits

PPG2 METHYL ETHER

Long Term Exposure Limit (8-hour TWA): 50ppm 300mg/m³

Short-term exposure limit (15 minutes): 75ppm 450mg/m³

sodium carbonate (CAS: 497-19-8)

DNEL Industry - Inhalation; Long term local effects: 10 mg/m³
Consumer - Inhalation; Short term local effects: 10 mg/m³

Sodium dodecylbenzene sulphonate (CAS: 68411-30-3)

PNEC Intermittent release; 0.017 mg/l
Fresh water; 0.017 mg/l

PPG2 METHYL ETHER (CAS: 34590-94-8)

DNEL Workers - Inhalation; Long term systemic effects: 303 mg/m³
Workers - Dermal; Long term systemic effects: 65 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 37.2 mg/m³
Consumer - Dermal; Long term systemic effects: 15 mg/kg/day
Consumer - Oral; Long term : 1.67 mg/kg/day

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

PNEC

Fresh water; 19 mg/l
 marine water; 1.9 mg/l
 Intermittent release; 190 mg/l
 STP; 4168 mg/l
 Sediment (Freshwater); 70.2 mg/kg/day
 Sediment (Marinewater); 70.2 mg/kg/day
 Soil; 2.74 mg/kg/day

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder.
Colour	Pink.
Odour	Not known.
Odour threshold	No specific test data are available.
pH	pH (diluted solution): 5.0 - 7.0 in 10% solution
Melting point	Not applicable.
Initial boiling point and range	Not available.
Flash point	This product does not sustain combustion.
Evaporation rate	No information available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

Vapour pressure	Not known.
Vapour density	Not known.
Relative density	Not applicable.
Bulk density	Not determined.
Solubility(ies)	Soluble in water.
Partition coefficient	Data lacking.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not determined.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Refractive index	No information required.
Particle size	No specific test data are available.
Molecular weight	No information required.
Volatility	Not available.
Saturation concentration	Not applicable.
Critical temperature	Not applicable.
Volatile organic compound	No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	No particular stability concerns.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	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

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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10.5. Incompatible materials

Materials to avoid	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

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects 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.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 53,684.21

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

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.

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

General information 11.2.1 Endocrine disrupting properties: Adverse health effects caused by endocrine disrupting properties: No substances identified as having endocrine-disrupting properties.
11.2.2 Other information:

Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

Toxicological information on ingredients.

sodium carbonate

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 2,800 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 2,000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ 2.300 mg/l, Inhalation, Rat

Sodium dodecylbenzene sulphonate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,020.0

Species Rat

ATE oral (mg/kg) 1,020.0

SECTION 12: Ecological information

12.1. Toxicity

Toxicity The product contains a substance which is harmful to aquatic organisms.

Ecological information on ingredients.

sodium carbonate

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 265 mg/l, Daphnia magna

Sodium dodecylbenzene sulphonate

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 1 : 5 mg/l,

Chronic aquatic toxicity

Chronic toxicity - fish early life stage LC₅₀, 1 : 5 mg/l, Fish

Chronic toxicity - aquatic invertebrates EC₅₀, 5 : 15 mg/l, Daphnia magna

12.2. Persistence and degradability

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

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 UK criteria.

12.6. Other adverse effects

Other adverse effects Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration. No substances identified as having endocrine-disrupting properties.

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

Environmentally hazardous substance/marine pollutant

No.

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

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 Annex II of MARPOL 73/78 and the IBC Code Not relevant.

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

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.
 LC50: Lethal Concentration to 50 % of a test population.
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PNEC: Predicted No Effect Concentration.
 REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.
 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.
 EC₅₀: 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.

Stardrops The Pink Stuff-The Miracle Foaming Toilet Cleaner

Classification abbreviations and acronyms	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
Revision date	21/02/2023
Revision	3
Supersedes date	23/06/2022
SDS number	6347
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.