



SAFETY DATA SHEET

750ml Mireco Bathroom Cleaner

Compiled in Accordance with EU and GB REACH and CLP Regulations.

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

1.1. Product identifier

Product name	750ml Mireco Bathroom Cleaner
Product number	800-301-0092
Container size	750 ml
UFI	GUEW-PNFT-X80R-C2N0

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

Identified uses	Detergent.
Uses advised against	Not for Oral Consumption.

1.3. Details of the supplier of the safety data sheet

Supplier	MIRIUS™ A Coventry Group Company Coventry Chemicals Limited, Woodhams Road, Siskin Drive, Coventry, England, CV3 4FX Coventry Chemicals (Ireland) Limited, 4th Floor 8-34 Percy Place, Dublin, D04 P5K3, Ireland. +44 (0)2476639739 www.mirus.com info@mirus.com
Contact person	For content of safety data sheet:, sds@mirus.com

1.4. Emergency telephone number

Emergency telephone	+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)
National emergency telephone number	UK: 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 Ireland: National Poisons Information Centre Beaumont Hospital Tel: 01 809 2166 (8:00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals)

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

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Classification (67/548/EEC or -
1999/45/EC)

2.2. Label elements

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 skin thoroughly after handling.

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.

Detergent labelling

< 5% non-ionic surfactants, < 5% perfumes

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

LACTIC ACID

1 - 5%

CAS number: 79-33-4

EC number: 201-196-2

Classification

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

1 - 5%

CAS number: 68515-73-1

EC number: 500-220-1

Classification

Eye Dam. 1 - H318

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. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

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Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

Inhalation Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

Ingestion Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of GI Tract. A soapy taste may be reported.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact Causes serious eye irritation.

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

Notes for the doctor Rinse eye to neutral pH including under eye lids. Check eye surface for damage.

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. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting 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. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground. (Comment applies to large volumes, not normal use quantities).

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

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7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Do not mix with other household chemical products.

Advice on general occupational hygiene No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep out of the reach of children.

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

LACTIC ACID (CAS: 79-33-4)

DNEL Industry - Inhalation; Short term : 592 mg/m³
Consumer - Oral; : 35.4 mg/kg/day

PNEC - Fresh water; 1.3 mg/l

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES (CAS: 68515-73-1)

DNEL Workers - Inhalation; Long term systemic effects: 420 mg/m³
Workers - Dermal; Long term systemic effects: 595000 mg/kg/day
General population - Inhalation; Long term systemic effects: 124 mg/m³
General population - Dermal; Long term systemic effects: 357000 mg/kg
General population - Oral; Long term systemic effects: 35.7 mg/kg

PNEC - Fresh water; 0.176 mg/l
- marine water; 0.0176 mg/l
- Intermittent release; 0.27 mg/l
- STP; 560 mg/l
- Sediment (Freshwater); 1.516 mg/l
- Sediment (Marinewater); 0.152 mg/l

C12-14 ALKYL ETHER SULFATES (CAS: 68891-38-3)

DNEL Workers - Inhalation; Long term systemic effects: 175 mg/m³
Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 52 mg/m³
Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
Consumer - Oral; Long term systemic effects: 15 mg/kg/day

PNEC - Fresh water; 0.24 mg/l
- marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

8.2. Exposure controls

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Appropriate engineering controls	Provide adequate ventilation.
Eye/face protection	In normal use the need for eye protection is not anticipated, unless a risk assessment suggests splashing is reasonably probable. During the manufacture and filling of this product eye protection is recommended refer to EN166.
Hand protection	During Manufacture and Filling operations use of hand protection is recommended. Gloves with a breakthrough time of >60 minutes are recommended. Refer to standard EN374 for compatible materials. For users with sensitive skin, it is recommended that suitable protective gloves are worn. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Neoprene. Nitrile rubber.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Respiratory protection not required.
Environmental exposure controls	Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Sea Fresh
Odour threshold	Not applicable.
pH	2 - 3
Melting point	Not applicable.
Initial boiling point and range	90 - 105 Degrees C.
Flash point	Not applicable.
Evaporation rate	No specific test data are available.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapour pressure	No specific test data are available.
Vapour density	No specific test data are available.
Relative density	1.012 - 1.022 @20 Degrees C.
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.

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Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not applicable
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information	Not relevant.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Under normal storage conditions this product is stable.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Reacts with alkalis and generates heat. Mixing with Hypochlorite Bleach based products will produce toxic Chlorine gas.
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10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Avoid contact with Bleach and Alkaline materials.
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10.5. Incompatible materials

Materials to avoid	Hypochlorite bleach products. Alkalis.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information	This product has low toxicity.
Inhalation	No specific health hazards known.
Ingestion	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
Eye contact	Causes serious eye irritation.

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

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11.2.2 Other information

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility The product is 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. Endocrine disrupting properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not discharge into drains or watercourses or onto the ground.

Disposal methods Packaging is recyclable. Wash out containers with water before disposal. Normal use solutions are expected to be flushed 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

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Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

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

National regulations	GB (UK) CLP and REACH Regulations. Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits.
Guidance	Workplace Exposure Limits EH40. 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

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	PBT Persistent Bio-accumulative and Toxic vPvB very Persistent, very Bio-accumulative
Revision comments	This is the first issue.
Revision date	11/06/2025
Revision	1
SDS number	23777
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation.

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.----- END OF SDS -----