



SAFETY DATA SHEET

Page 1 of 3

TOILET CLEANER SUPER

Revision 0
Revision date 4-Jan-2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name TOILET CLEANER SUPER
Company Merlin Chemicals Ltd
Unit 5, Passfield Mill Business Park, Liphook, Hants. GU30 7RR
technical@merlinchemicals.co.uk
www.merlinchemicals.co.uk
Telephone 01428 751122
Fax 01428 751133
Emergency telephone number 01428 751122

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Citric Acid Anhydrous	10 - 20%	77-92-9	201-069-1	Xi;R36
Betaines,Bis(1,2 Ethanediol) tallow dimethyl	20 - 30%	70750-46-8	274-875-0	Xi; R36/38 R10
Isopropanol (Propan-2-ol)	1 - 10%	67-63-0	200-661-7	F; R11 Xi; R36 R67
Sodium Xylene Sulphonate	1 - 10%	1300-72-7	215-090-9	Xi;R36

3. HAZARDS IDENTIFICATION

Main hazards Irritating to skin. Irritating to eyes and skin.

4. FIRST AID MEASURES

Skin contact Mild irritation. Wash with water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation Move the exposed person to fresh air. Seek medical attention.
Ingestion Rinse mouth thoroughly. Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING.
General information If you feel unwell, seek medical advice (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide, dry chemical, foam or waterspray.
Fire hazards Oxides of carbon.
Protective equipment Wear: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
Clean up methods Contain with sand or granules. Transfer to suitable, labelled containers for disposal.

Print date 4-Jan-2010

TOILET CLEANER SUPER

Revision 0
Revision date 4-Jan-2010

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
------------------------------	--	---

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Hand protection	Rubber gloves.
Eye protection	Safety glasses.
Protective equipment	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Environmental exposure controls	Users should be aware of environmental considerations and their duties under the Environmental Protection Act.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Viscous liquid.
Colour	Blue.
Odour	Characteristic.
pH	2 - 4
Relative density	1.050 - 1.090
Water solubility	soluble in water.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	Strong bases. Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	The material is unlikely to cause any adverse effects in normal conditions of handling and use.
-----------------------	---

12. ECOLOGICAL INFORMATION

Mobility	Miscible in water.
-----------------	--------------------

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
----------------------------	---

14. TRANSPORT INFORMATION

ADR/RID	Not classified as hazardous for transport.
----------------	--

TOILET CLEANER SUPER

Revision 0
Revision date 4-Jan-2010

15. REGULATORY INFORMATION

Symbols Xi - Irritant



Risk phrases R38 - Irritating to skin.
R36/38 - Irritating to eyes and skin.

Safety phrases S1/2 - Keep locked up and out of the reach of children.
S13 - Keep away from food, drink and animal feedingstuffs.
S25 - Avoid contact with eyes.
S37/39 - Wear suitable gloves and eye/face protection.
S46 - If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Text of risk phrases in Section 2 R10 - Flammable.
R11 - Highly flammable.
R36 - Irritating to eyes.
R36/38 - Irritating to eyes and skin.
R67 - Vapours may cause drowsiness and dizziness.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. This version replaces all previous versions.