

our safety data sheet for...
daily use toilet cleaner



1. Identification of the substance/mixture & of the company/undertaking

1.1 Product Identifier

Product Name: Daily use Toilet Cleaner
Product Code: TOC010DEL01R (ready-to-use)

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

Use of the Substance/Mixture: Acid cleaner and descaler.
Recommended restrictions on use: We do not have information on restrictions. They will be included when available.

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco, Unit 1, River Reach, Gartons Way, London SW11 3SX

1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) f. 0870 974 7219 e: sales@delphiseco.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to EU Directive 1999/45/EC

Hazard Symbol/Category of danger	Risk Phrases
None	None

Classification according to Regulation (EC) No 1272/2008: Refer to Section 16.
For the wording of the listed R phrases or H statements, refer to section 16.

2.2 Label elements

Labelling according to EU Directive 1999/45/EC

Safety Phrases	S2:	Keep out of reach of children.
	S24/25:	Avoid contact with skin and eyes.

Labelling according to Regulation (EC) No 1272/2008: Refer to Section 16.

2.3 Other hazards

No other information is available.

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	Identifiers	Classification 67/548/EEC	Classification EC/1272/2008	Concentration Range
Citric Acid	EC – 201-069-1 CAS – 77-92-9	Irritant R36	Eye Irrit.2 H319	5-10%
(2-Methoxymethylethoxy) Propanol	EC – 252-104-2 CAS – 34590-94-8	None	None	1-5%

For the wording of the listed R phrases or H statements, refer to section 16.

4. First Aid Measures

4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.
Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.
Ingestion: Do not drink, if swallowed drinking water may be beneficial, do not induce vomiting.
Inhalation: Avoid inhaling product, move to fresh air if in discomfort.

4.2 Most important symptoms and effects, both acute and delayed

No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

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5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Foam, Dry Powder, Co2, fine water spray suitable.
Unsuitable Extinguishing Media: None.

5.2 Special hazards arising from the substance or mixture

Not classed as flammable, if involved in a fire may emit corrosive and toxic acidic fumes. Can react with aluminium, lead, tin, magnesium or zinc to produce hydrogen gas. Can react vigorously with strong alkalis evolving heat.

5.3 Advice for fire fighters

Wear self contained breathing apparatus and protective clothing. Cool closed containers exposed to the fire with water spray. Prevent water run-off from discharging into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves. Avoid contact with skin and eyes.

6.2 Environmental precautions

Inform authorities in case of contamination of water or sewage system. Do not allow product to soak into drains or water courses.

6.3 Methods and materials for containment and cleaning up

Small spills may be washed away with water, avoid splashing. May be neutralised using dilute alkali or soda. Large spills should be contained by sand or earth and neutralised prior to washing away or absorption and disposal. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

6.4 Reference to other sections

For personal protection refer to section 8.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Take note of emission threshold.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store between 10-35°C. Protect from frost. Do not store in extremes of temperature or near foodstuffs.

7.3 Specific end uses

To be used as a descaler and cleaner.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredient Name	8hr TWA	15min STEL
(2-Methoxymethylethoxy) propanol	WEL (skin)	50ppm

8.2 Exposure controls

Respiratory Protection: Unlikely to be necessary where adequate ventilation is provided.
Eyes: Eye protection should be worn.
Hand: PVC or rubber gloves are recommended.
Skin: Remove contaminated clothing and wash with soap and water.

8.2.3 Environmental exposure controls

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Hazy, slightly viscous fluid
Odour:	Citrus
Odour Threshold:	Not determined
pH Neat:	1.5 typical
Freezing Point:	0°C

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Initial Boiling Point & Boiling Range: 100°C
Flash Point: Not applicable
Evaporation rate: Not determined
Flammability: Not Flammable
Upper/Lower Flammability Limits: Not applicable
Vapour Pressure: Not determined
Vapour Density: Not determined
Relative Density: 1.020 typical @ 20°C
Solubility: Soluble in water
Partition Coefficient (Oct/Water): Not determined
Auto Ignition Temperature: Not applicable
Decomposition Temperature: >100°C
Viscosity: As water
Explosive Properties: Not applicable
Oxidising Properties: Not applicable

9.2 Other Information
pH @ 2% in tap water: 2.0 typical

10. Stability and Reactivity

10.1 Reactivity
No information available.

10.2 Chemical Stability
No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions
No information available.

10.4 Conditions to Avoid
High temperatures, naked flames.

10.5 Incompatible materials

10.6 Hazardous decomposition products
Oxides of carbon, water vapour and unidentified organic and inorganic compounds, some of which may be toxic may be evolved.
Product is stable under normal conditions.

11. Toxicological Information

11.1 Information on toxicological effects

Eyes: Not classified as an eye irritant. Contact is likely to cause irritation and stinging.
Skin: Not classified as a skin irritant. Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact may lead to de-fatting of the skin and/or slight irritation.
Inhalation: Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.
Ingestion: Not regarded as a significant health hazard, likely to arise in normal use. Ingestion of large quantities could cause nausea, breathing difficulties and acidosis convulsions and collapse.

Acute Toxicity: (2-Methoxymethylethoxy) LD50 Oral (rat) >2000 mg/kg
propanol LD50 Skin (rat) >5000 mg/kg

12. Ecological Information

12.1 Toxicity

Eco-toxicity: (2-Methoxymethylethoxy) LC50 96hrs (fish) >10000 mg/l
propanol EC50 48hrs (daphnia) 1919mg/l
IC50 72hrs (algae) >100 mg/l

12.2 Persistence and Degradability
The product is readily biodegradable.

12.3 Bio-accumulative potential
Not expected to bio-accumulate.

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12.4 Mobility in soil
Soluble in water.

12.5 Results of PBT and vPvB assessment
No information.

12.6 Other adverse effects
Not known.

13. Disposal Recommendations

13.1 Waste treatment methods

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

14. Transport Information

Product is not classified as hazardous for transport.

15. Regulatory Information

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

Labelling in accordance with the Detergents Directive (EC) No. 648/2004:
Less than 5% non-ionic surfactants.
Perfume.

Safety data sheet according to Regulation (EC) No. 453/2010. This mixture has been classified and labelled in accordance with 1999/45/EC. Classification in accordance with EC 1272/2008 is derived from Annex VII in accordance with Article 61 paragraph 5. 1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments. 98/24/EC - Protection of workers from the risk related to chemical agents at work. Refer to Directive for details of requirements. 1272/2008 - Classification, labelling and packaging of substances and mixtures and amendments. Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s). The regulatory information provided may not be comprehensive. Other regulations may apply to this product.

16. Other Information

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Category	Hazard Statements
None	None	None

Labelling according to Regulation (EC) No 1272/2008

Hazard Symbols	Signal word	Hazard Statements
None	None	None

Precautionary Statements:

General:	P102:	Keep out of reach of children.
Prevention:	P262:	Do not get in eyes, on skin or on clothing.

Full text of R-phrases referred to under sections 2 & 3:
R36: Irritating to the eyes.

Full text of H-Statements referred to under sections 2 & 3:
H319: Causes serious eye irritation.

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH). Do not mix with other chemicals.

Date: 25.07.13

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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