

FOOD SAFE SANITISER

FEATURES & APPLICATIONS

Unico Food Safe Sanitiser is a food-safe disinfectant that passes Disinfectant Suspension Testing Based on EN 1276:2009. Effective against E. Coli, Pseudomonas Aeruginosa, Staphylococcus Aureus and Enterococcus Hirae with a contact time of 30 seconds.

APPLICATION DETAILS

Sanitising food-preparation surfaces: spray onto surface or a clean cloth, then clean using overlapping wipes. Leave for 30 seconds then rinse with water.

Food Safe Sanitiser is non-tainting to food surfaces.

PRODUCT AND PACKAGING INFORMATION

Chemical Description: An aqueous solution of biocides.

Packaging: 6 x 750ml and 5 litre

Shelf Life: 2 years

Note: Clear odourless liquid.

ENVIRONMENTAL INFORMATION

General Information: This product has been formulated to have very little ecological impact.

Environmental Checklist:

Biodegradable	Yes	CFC free	Yes	Solvent free	Yes
Phosphate free	Yes	Acid/alkali free	No	Free of dyes/perfumes	No
Recyclable packaging	Yes	Biodegradable container	No		

FURTHER INFORMATION AVAILABLE ON REQUEST

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name Intended/Recommended use	Food Safe Sanitiser Non-tainting biocide.	Supplier Address	Unico Ltd North Main Street, Carronshore, Falkirk FK2 8HT 01324 573400 01324 573401
Issue Date Issue Number	September 2017 1	Telephone Fax	

2. HAZARDS IDENTIFICATION

Health Hazards This product has been reviewed with a view to being classified under EC 1272/2008. There is not sufficient evidence to warrant such classification but some precautions are included in this document.

Physical and Chemical Hazards	Not Classified
Human Health	Not Classified
Environment	Not Classified

Label in Accordance with (EC) No. 1272/2008 . No GHS label applies

Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

P305 +P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301 +P330 +P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

3.1 Mixtures

Concentrations below the concentration limit for classification in mixtures means that substance not reaching this does not need to be classified. Those that do not reach this concentration will still listed to show this is the case.

NAME	RANGE	EINECS	CAS No	Conc. Limit for Classification
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	<0.2%		85409-22-9	1%
Ethanol	<0.1%		64-17-5	1%
Alcohol, C9-11, ethoxylated	<0.1%		68439-45-2	1%
Tetrasodium ethylenediamine tetraacetate	<0.1%		64-02-8	1%
Trisodium nitrilotriacetate	<0.1%		5064-31-3	1%
Sodium hydroxide	<0.1%		1310-73-2	1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion	Drink a glass of water to dilute product. Do not induce vomiting. Act immediately to prevent further irritation of mouth, throat and stomach mucosa.
Inhalation	No ill effects expected. If irritation is experienced go in open air and ventilate area. Mouth and throat may be rinsed with water.
Eye Contact	Check for and remove contact lenses. Rinse thoroughly with plenty of water for several minutes.
Skin Contact	No ill effects expected.

4.2 Most important symptoms and effects, both acute & chronic

Possible mild irritation in susceptible individuals

4.3 Indication of any immediate medical attention and special treatment needed

None required under normal use.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media	This product is not flammable. Use fire extinguishing media appropriate for surrounding area.
Unsuitable extinguishing media	Not applicable.

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5.2 Special hazards arising from the substance or mixture None considered significant.

5.3 Advice for firefighters Nothing specific for this product

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eye protection may be required

6.2 Environmental Precautions

None applicable for this product that would have a significant impact.

6.3 Methods and material for containment and cleaning up

Hose away with plenty of water, diluting well.

7. HANDLING AND STORAGE

7.1 Handling Take care when dispensing product from container and assure adequate ventilation. Avoid contact with eyes. Do not mix with any other chemicals.

7.2 Storage Store upright in original containers in a cool dry area out of the reach of children.

7.3 Specific end use(s) Use only as directed by the front page of this document and the product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Name	STD	TWA . 8 Hrs	STEL . 15 Min	Comments

Note: No Substances above 1% in the product with a listed exposure limit

8.2 Exposure Control

Respiratory Protection Personal protection is not required

Skin Protection Personal protection is not required

Eye Protection Personal protection is not normally required unless a risk assessment indicates the need for it. Wear eyeshields.

Hand Protection For prolonged contact or sensitive skin the use of rubber gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear pale blue liquid	Flash Point (ACC)	-
Odour	None	Viscosity (20C)	1 cp approx
pH	10.5 typically	Water Solubility	Soluble
Boiling Point	Approx 100°C	Explosive Properties	None
Oxidising Properties	None	Vapour Pressure	Not Applicable
Fat Solubility	--	Relative Density	1.0

10. STABILITY AND REACTIVITY

10.1 Reactivity May react with acidic chemicals

10.2 Chemical Stability No stability concerns

10.3 Hazardous Reactions None known

10.4 Conditions to Avoid Extreme heat or cold

10.5 Incompatible Materials None known.

10.6 Hazardous decomposition products None when handled and stored correctly.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on 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.

Consideration is only given to components with greater than 1% based on the product formulation and those with a listed exposure limit in Section 8.

Acute Toxicity – None

Component	LD-50, Oral, mg/kg	LD-50, Skin mg/kg	LC-50 (Inhalation)	Chronic Consideration

Chronic Toxicity

Carcinogenicity	There are no known carcinogenic chemicals in this product
Sensitization	No information available.
Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Target Organs	None known
Endocrine Disruptor Info.	No information available.
Other Adverse Effects	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

12.2 Persistence and Degradability

The components contained in this preparation are biodegradable

12.3 Bioaccumulation Potential

With the current information available, when used for its intended purpose this product will not cause adverse effects in the environment.

12.4 Mobility in soil

No information available

12.5 Aquatic Toxicity

With the current information available, this is judged to be low.

12.6 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Discharges to drain with flushing water is acceptable. Containers can be rinsed for recycling

14. TRANSPORT

Not regulated for Transport

15. REGULATORY INFORMATION

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

EU legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Guidance

Workplace Exposure Limits EH40.

The National Institute for Occupational Safety and Health (NIOSH) register of Immediately Dangerous to Life or Health Concentrations (IDLH)

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16. OTHER INFORMATION

This product does not require any special training before use. Usage and handling instructions are mentioned on packaging and on the first page of this Safety Data Sheet. This health and safety information refers to the concentrated product and has been prepared assuming the intended described use is adhered to. Any unusual or novel use of this product is done without being assessed for the impact nor is it part of the considerations in this document.

Key literature references and sources for data

Safety Data Sheet, Misc. manufacturers.

CLP Classification - Table 3.1 List of harmonised classification and labelling of hazardous substances.

CHIP Classification - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

ECHA - C&L Inventory database.

Revision comments

This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Revision date 01/05/2017

Hazard statements in full

None applicable at the concentrations within this product