

## FOOD SAFE SANITISER CONCENTRATE

### FEATURES & APPLICATIONS

**Unico Food Safe Sanitiser Concentrate** is a food-safe disinfectant that passes Disinfectant Suspension Testing based on EN 1276:2009.

It is effective against Escherichia Coli, Pseudomonas Aeruginosa, Staphylococcus Aureus and Enterococcus Hirae with a contact time of 30 seconds.

### APPLICATION DETAILS

Sanitising food-preparation surfaces:

Dispense 10 ml of Food Safe Sanitiser Concentrate into an empty 750ml trigger spray bottle. Dilute to 750ml with water. This will give a solution of Food Safe Sanitiser at its working concentration in the trigger spray bottle

Spray the working concentration solution of Food Safe Sanitiser onto surface or a clean cloth, then clean using overlapping wipes. **Leave for 30 seconds** then rinse with water if required.

Food Safe Sanitiser is non-tainting to food surfaces.

### PRODUCT AND PACKAGING INFORMATION

**Chemical Description:** An aqueous solution of biocides.

**Packaging:** 2 litres

**Shelf Life:** 2 years

**Note:** Blue liquid, slight chemical odour.

### ENVIRONMENTAL INFORMATION

**General Information:** This product has been formulated to have minimal ecological impact at working concentration.

#### 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

# PRODUCT SAFE HANDLING SHEET UNICO

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name Intended/Recommended use	Food Safe Sanitiser Concentrate 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

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

**H302** Harmful if swallowed

**H314** Causes severe skin burns and eye damage

**H318** Causes serious eye damage

**H400** Very toxic to aquatic life

## 3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

### 3.1 Mixtures

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>Conc. Limit for Classification</u>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	<15%		85409-22-9	1%
Alcohol, C9-11, ethoxylated	<5%		68439-45-2	1%
Tetrasodium ethylenediamine tetraacetate	<5%		64-02-8	1%
Sodium hydroxide	<5%		1310-73-2	1%

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

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

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## 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.
- 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

<b>Appearance</b>	Blue liquid	<b>Flash Point (ACC)</b>	-
<b>Odour</b>	Slight chemical odour	<b>Viscosity (20C)</b>	1 cp approx
<b>pH</b>	10.5 typically	<b>Water Solubility</b>	Soluble
<b>Boiling Point</b>	Approx 100°C	<b>Explosive Properties</b>	None
<b>Oxidising Properties</b>	None	<b>Vapour Pressure</b>	Not Applicable
<b>Fat Solubility</b>	--	<b>Relative Density</b>	1.0

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## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Not known to react with other 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.

## 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

<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product
<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target Organs</b>	None known
<b>Endocrine Disruptor Info.</b>	No information available.
<b>Other Adverse Effects</b>	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

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## 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)

## 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