

DEPTAL CMC

UPDATED ON : 06/12/23

**Concentrated liquid for professional use only
AGRI-FOOD INDUSTRIES- DAIRY INDUSTRIES
CLEANING AND DISINFECTION OF SURFACES BY SPRAYING AND BY FOAMING, OF
EQUIPMENTS BY DIPPING**

Physico-chemical characteristics:

Appearance	Clear liquid
Colour	Pale yellow
Odour	Chlorinated
Pure pH	13±0.3
pH value at 10g/l	12±0.2
Mass density	1.16±0.01 g/cm ³
Freezing point	-25 °C
Boiling point	> 100 °C
Solubility in water	Soluble in water in all proportions

Environmental criteria :

Phosphorus	< 0.1 %
Nitrogen	0.2 %
chemical oxygen demand (COD)	94 grams of dioxygen per kilogram

Properties :

Detergent
Disinfectant
Foaming
Wetting
Antiscale agent

Application :

Bactericidal and yeasticidal disinfecting detergent
For floors, walls, tables, tank outsides and machinery.

Instructions:

Concentration : 4 %
Temperature: Room temperature
Contact time : 15-20 mn

Standard pattern for use:
Rinsing with water
Apply the DEPTAL CMC foam solution

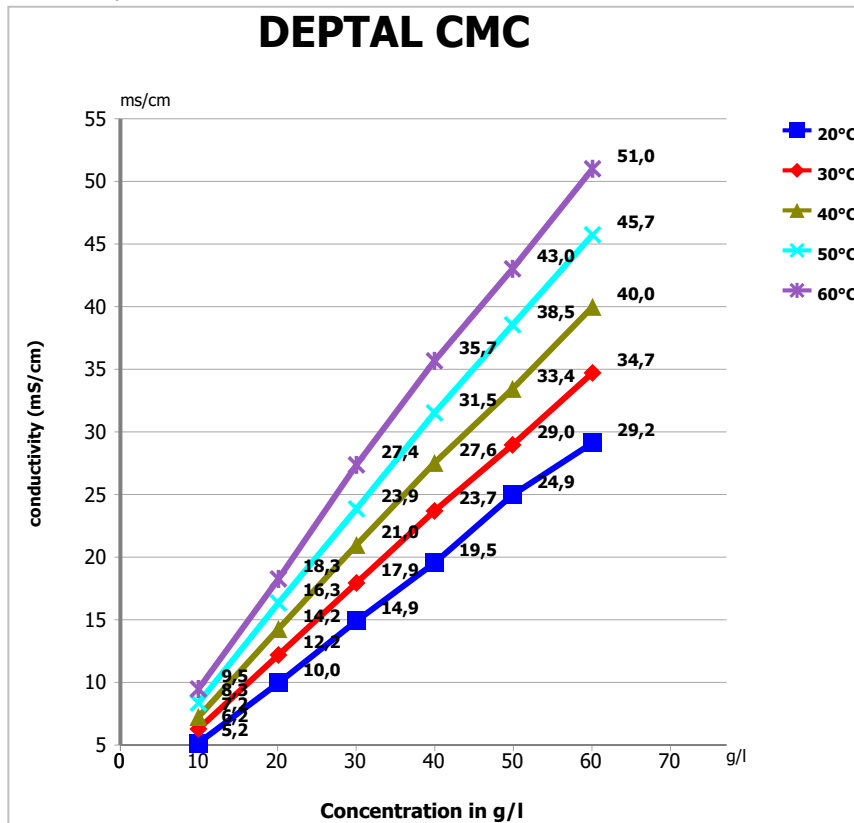
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Final rinsing with drinking water
Do not mix with an acid

The concentration(s) indicated in these Directions for Use represent the recommended biocide concentration(s) obtained from the efficacy tests performed in the laboratory. However, the application concentration in the field may be adapted depending on conditions encountered on-site. For more information contact your principal contact.

Conductivity curve



If the measuring instrument incorporates a temperature compensation then refer to the curve corresponding to the reference temperature.

Control parameters :

Test sample : 50ml
pretreatment: Sodium thiosulphate
Colored Indicator: Phenolphthalein 0.9% (w/v) or o-cresolphthalein 0.9% (w/v)
Reagent : HCl N/2

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Titrated factor : $f = 0.48 \pm 0.01$

Concentration in % = burette drop * f

Concentration in g/l = burette drop * f * 10

Packaging :

Jerrycan	22l	Yellow	25kg
Jerrycan	25l	Yellow	25kg
Drum	220l	Dark blue	230kg
IBC	1000l	opaque	1150kg

Use the product within 6 months from its manufacturing date.

Keep in a clean, cool and well-ventilated place away from sources of heat and intense light.

Quality - Safety

Refer to the Safety Data Sheets available on the Internet : <http://www.kersia-group.com>

Use the product within 6 months from its manufacturing date.

Regulations

This product is complying with the legislation regarding products used for cleaning surfaces being in contact with foodstuffs, products and beverages for human and animal consumption.

This product can be used in Organic Farming in accordance with the regulations in force.

Use biocides safely. Always read the label and product information before use.

BIOCIDAL PRODUCT

Active substance(s) per 100g of product : Sodium Hypochlorite, expressed in active chlorine 4,33g

MAIN GROUP 1: Disinfectants and general biocidal products; Product-type 4: Food and feed area disinfectants

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Efficiency

Activity	Standard	Organism(s) tested	Interfering substance(s):	Contact time:	Temperature:	Concentration:
Bactericidal	EN 1276	Enterococcus hirae, Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa	3 g/l bovine albumin	15 min	20°C	2%
	EN 13697	Enterococcus hirae, Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa	3 g/l bovine albumin	15 min	20°C	2%
		Listeria monocytogenes	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	20min	20°C	1,5%
		Salmonella Typhimurium	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	20min	20°C	1%
Yeasticidal	EN 13697	Candida albicans	3 g/l bovine albumin	15 min	20°C	1%
	EN 1650	Candida albicans	3 g/l bovine albumin	15 min	20°C	1%
Virucidal	EN 16777	Adenovirus type 5, murine norovirus	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	20min	20°C	2%
	EN14476	Adenovirus type 5, murine norovirus	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	20min	20°C	2%
		Adenovirus type 5, murine norovirus, Poliovirus type 1	skimmed milk 1%	20min	20°C	2%
		Feline Coronavirus	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	20min	20°C	1%
			skimmed milk 1%	20min	20°C	0,5%