

HYPROTANK ED

UPDATED ON : 08/07/24

**Concentrated liquid for professional use only
FOOD INDUSTRIES**

**CHLORINATED ALKALINE FOR CLEANING AND DISINFECTION OF CIRCUITS, OF EQUIPMENT
BY SOAKING, OF SURFACES BY SPRAYING**

Physico-chemical characteristics:

Appearance	Clear liquid
Colour	Pale yellow
Odour	Chlorinated
Pure pH	14±0.5
pH value at 10g/l	12.3±0.2
Mass density	1.2±0.01 g/cm ³
Freezing point	-20 °C
Boiling point	> 100 °C
Solubility in water	Soluble in water in all proportions

Environmental criteria :

Phosphorus	< 0.1 %
Nitrogen	< 0.1 %
chemical oxygen demand (COD)	22 grams of dioxygen per kilogram

Properties :

Detergent
Disinfectant
Organic matter oxidising agent
Antiscale additive
Effective on coronavirus (Feline Coronavirus)
Effective on Avian Influenza virus H3N8 for application by circulation

Application :

Bactericidal, virucidal and yeasticidal disinfecting detergent
Product recommended for cleaning and disinfecting racks and various containers.

Instructions:

HYPROTANK ED is a bactericidal, yeasticidal and virucidal disinfecting cleaner.
Rinse the equipment, surfaces and circuits in advance.
Apply HYPROTANK ED by circulation, by spraying or by dipping.

Circulation:

Bactericidal and yeasticidal : 1% (10 ml HYPROTANK ED to 1 litre water)

Virucidal : 3% (30 ml HYPROTANK ED to 1 litre water)

Contact time: >= 5 minutes (according to the process)

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Temperature: 40 - 70 °C (according to the circuits)

Soaking:

Bactericidal, yeasticidal and virucidal : 3% (30 ml HYPROTANK ED to 1 litre water)

Contact time: >= 30 minutes

Temperature: 20 - 70 °C (depending on the process)

Spraying:

Bactericidal, yeasticidal and virucidal: 5 % (50 ml HYPROTANK ED to 1 litre water)

Contact time: >= 15 minutes

Temperature: 20 - 70 °C (depending on the process)

Final rinse with drinking water.

Clean the application equipment regularly.

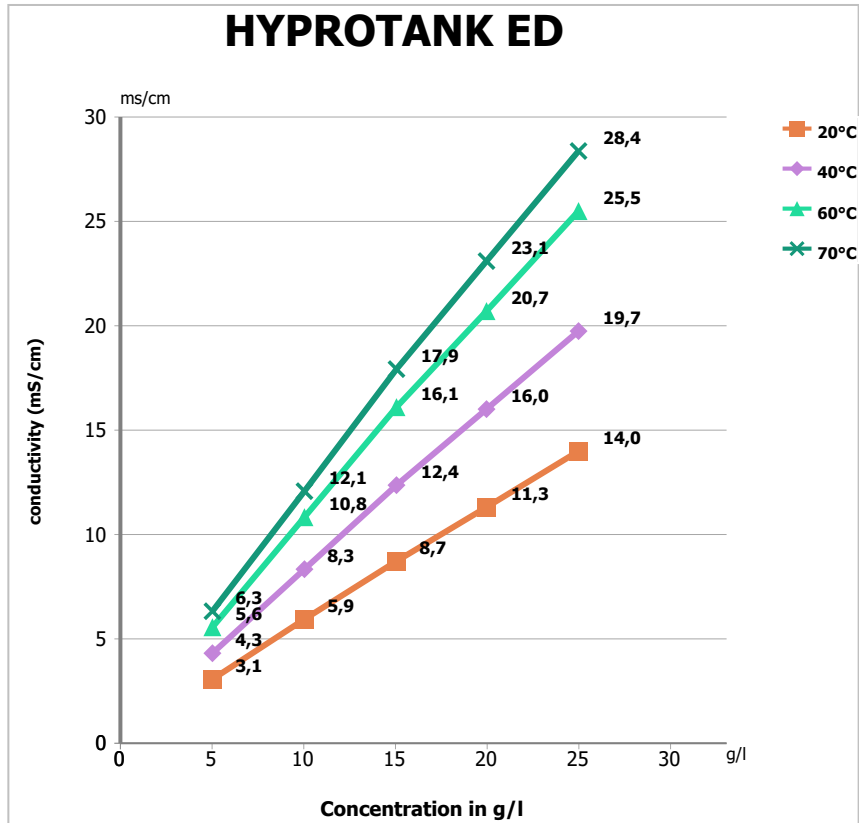
Do not apply to light metals (aluminium, zinc, etc.).

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 during the validation phase depending on conditions encountered on-site. For more information contact your principal contact.

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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: Dash sodium thiosulphate
 Colored Indicator: Methyl orange
 Reagent : HCl N/2
 Titrated factor : $f = 0.39 \pm 0.01$
 Concentration in % = consumed volume * f
 Concentration in g/l = consumed volume * f * 10

- Fill the 25 ml burette with the titrant solution
- In a 250 ml Erlenmeyer flask, place the sample test portion to titrate
- Then add a spatula of Na₂S₂O₃ crystals
- Manually homogenize the Erlenmeyer flask content
- Add about 10 drops of endpoint indicator
- Manually homogenize the Erlenmeyer flask content
- Titrate with the titrant solution until the color of the sample solution changes
- Note the volume of titrant consumed.

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Packaging :

Tank		Indifferent		
Flask	0,5l		0,5kg	(box 9x0,5 kg)
Jerrycan	1l	Neutral	1,12kg	
Jerrycan 5L single	5l	Yellow	6kg	
Jerrycan	10l	Yellow	12kg	
Jerrycan	20l	Yellow	20kg	
Jerrycan	20l	Yellow	24kg	
Jerrycan	20l	Yellow	24kg	
pack of 4 cans of 5l	20l	Yellow	24kg	
Jerrycan	22l	Yellow	26kg	
Jerrycan	25l	Yellow	26kg	
Small barrel	50l	Indifferent	60kg	
square drum	60l	Yellow	70kg	
Drum	120l	Dark blue	130kg	
Drum	220l	Dark blue	200kg	
Drum	220l	Dark blue	240kg	
IBC	640l		750kg	
IBC	1000l	opaque	1200kg	
Varibox 1000l	1000l	Dark blue	1200kg	
IBC + sensor	1000l		1200kg	

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

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.

HYPROTANK ED is a mixture in compliance with the Regulation (EC) n° 1907/2006 of 18 décembre 2006, concerning the Registration, Evaluation and Autorisation of Chemicals (REACH), whatever the manufacturing site.

Substances concerned by the REACH Regulation and contained in HYPROTANK ED were pre-registered or registered by our firm or by our upstream suppliers.

HYPROTANK ED doesn't contain substance of "Very high Concern" in the candidate list of substances for Autorisation published and updated regularly by ECHA.

BIOCIDAL PRODUCT

Active substance(s) for 100g of product : Sodium Hypochlorite, expressed in active chlorine 5,62g

HYPRED SAS

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

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	5min	20°C	0,6%
	EN 13697	Enterococcus hirae, Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa	3 g/l bovine albumin	30min 5min	18-25°C 18-25°C	3% 5%
Yeasticidal	EN 13697	Candida albicans	3 g/l bovine albumin	15 min	18-25°C	1%
	EN 1650	Candida albicans	3 g/l bovine albumin	15 min 5min	20°C 40°C	0,75% 1%
Virucidal	EN 16777	Adenovirus type 5, murine norovirus	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	15 min	20°C	2%
			skimmed milk 1%	15 min	20°C	2%
	EN14476	Adenovirus type 5, murine norovirus, Poliovirus type 1	3 g/l bovine albumine + 3 ml/l sheep erythrocytes	15 min 5min	20°C 40°C	3% 3%
			skimmed milk 1%	5min	40°C	3%
			Avian Influenza H3N8	5min	40°C	1%
			murine parvovirus	5min	40°C	3%
			Adenovirus type 5, murine norovirus, Poliovirus type 1	15 min	20°C	3%
			Feline Coronavirus	15 min 5min	20°C 40°C	0,5% 0,5%
skimmed milk 1%	15 min 5min	20°C 40°C	0,5% 0,5%			