

LIQUID CHLORINE

SODIUM HYPOCHLORITE SOLUTION

LIQUID CHLORINE is a disinfectant and high concentration chlorinated liquid sanitizer for food processing industries.

LIQUID CHLORINE is authorized as a no-rinse sanitizer when the concentration of free chlorine in its solution is comprised between 50 and 200 ppm.

The fact that it does not foam allows **LIQUID CHLORINE** to be used by circulation in milklines and other sanitary stainless steel piping systems.

DIN 02012243

FEATURES AND BENEFITS

- High concentration of sodium hypochlorite
- Easy to handle
- Compatible with alkaline products
- Non-foaming
- Used as a sanitizer containing 200 ppm of free chlorine, it acts quickly and indiscriminately on all types of microorganisms
- Very useful when used as an additive to alkaline products, it improves the capacity to degrade proteins and is used as a bleaching agent



DIRECTION FOR USE

Use procedure

Concentration

Use temperature

Dwell time/Operation time

Mechanical action

Reuse/recycling

Soils to be removed

Use procedure

Concentration

Rinsing

DISINFECTANT AND SANITIZER

Dilute **LIQUID CHLORINE** in cold potable water. Apply to surfaces or circulate in pipelines.

DISINFECTANT: SANITIZER:

5 ml per litre (0.325 to 1.3 ml/L) of **LIQUID CHLORINE** will give between 50 and 200 ppm of free chlorine. No rinse needed.

SHOCK TREATMENT:

1000 to 2500 ppm of free chlorine (0.6 to 1.6% - 6 to 15 ml / litre of **LIQUID CHLORINE**) Rinse food contact surfaces with potable water.

Below 30°C (86°F).

1 minute minimum.

Ensure that product comes into contact with all surfaces to be sanitized.

Not possible.

ADDITIVE FOR ALKALINE PRODUCTS

Baked or dried protein based food deposits, low coloured film of unwanted food deposits.

Add **LIQUID CHLORINE** to prepared alkaline solution and according to the instructions of the manufacturer of the alkaline product. Apply according to procedure recommended by same manufacturer.

Between 0.5% and 2.0% (5 ml to 20 ml / Litre) of **LIQUID CHLORINE** is usually enough for desired results.

Rinse with potable water.

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PHYSICAL PROPERTIES

Appearance	Clear, light yellow liquid
Odour	Chlorine
Specific gravity @ 20°C	1.2
Viscosity	< 10 cps
pH	13
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Available Chlorine	16% w/v
Boiling point	> 100°C
Freezing point	-14°C
Foaming tendency	Non-foaming
Concentration monitoring techniques	Titration
Rinsing	Excellent

INCOMPATIBILITY

Acids, oxidizing agents, amines, ammonia, nitrites, reducing agents, organic compounds

WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

AVAILABLE SIZES

			
	20L	205L	



ETIMAD HALAL



IMPORTANT

Before using **LIQUID CHLORINE**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

PERSONAL PROTECTION



WHMIS



MONTREAL

10,900 Secant Street
Anjou, QC H1J 1S5
Tel.: 514-355-4660
Toll free : 1 800-361-8927

EDMONTON

11411-160 Street
Edmonton, Alberta T5M 3T7
Tel.: 780-454-3919
Toll free : 1 866-454-3919