

## FOOD INDUSTRY



Food and beverage  
industry accepted

**LIQUIDE DYNEMATE PLUS** is a non-foaming, chlorinated alkaline cleaner designed for recirculating cleaning systems (C.I.P.). Typical applications are used by agricultural and horticultural buildings such as hog barns, hatcheries, and poultry houses.

## FEATURES and BENEFITS

- Caustic alkali
- High level of hypochlorite
- Non-foaming, even when agitated
- Highly effective cleaner
- Its high level of water softener allows a better control of scale deposits

## DIRECTION FOR USE

<b>Equipment to be treated</b>	All recirculating cleaning systems in piping and tanks (cleaned or by soaking).
<b>Soils to be removed</b>	Animal or organic deposits of oil and grease.
<b>Use procedure</b>	Prepare a solution of <b>LIQUID DYNEMATE PLUS</b> . Heat the solution and circulate through the piping and tank's sprinkler systems. Rinse with potable water until no traces of products are left.
<b>Concentration</b>	Between 0.2% and 5% (2 ml to 50 ml/litre of water)
<b>Temperature</b>	Between 10°C to 70°C (50°F To 148°F)
<b>Dwell time/Operation time</b>	Between 5 and 20 minutes
<b>Mechanical action</b>	A circulation rate of 1.5 to 3.0 meters per second is usually enough to ensure sufficient mechanical action. A pressure of 2 to 3 bars is usually enough to ensure cleaning of tanks by spray balls.
<b>Rinsing</b>	Rinse thoroughly with potable or water until no traces of product are left in the systems.
<b>Reuse/recycling</b>	Solutions may be reused, but ensure that there are no solids in the solution and that desired concentration is adjusted and maintained.

# LIQUID DYNEMATE PLUS

## LOW-FOAMING CHLORINATED ALKALINE CLEANER

### PHYSICAL PROPERTIES

Appearance	Light green liquid
Odour	Chlorine
Specific gravity @ 20°C	1.25
Viscosity	Low
pH (1% sol)	12.0
Flash point (TCC)	None
Phosphorus	Yes
Water solubility	Complete
Auto ignition temperature	None
Chlorine	Hypochlorite
Boiling point	Approx. 100°C
Freezing point	N/D
Foaming tendency	Low
Concentration monitoring techniques	Conductivity, titration
Rinsing	Excellent

### INCOMPATIBILITY

Acids

### WAREHOUSING PRECAUTIONS

Store in a cool dry area, away from acids.

### FIRST AID MEASURES

#### EYE CONTACT

Wash with plenty of water for 15 minutes.  
Consult physician.

#### SKIN CONTACT

Wash with plenty of water for 15 minutes.  
Consult physician if irritation develops  
or persists.

#### INHALATION

Give fresh air

#### INGESTION

Do not induce vomiting. Drink plenty of water  
and contact physician.

### HEALTH

2

### FLAMMABILITY

0

### REACTIVITY

0

#### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION Security equipment



WHMIS



**IMPORTANT :** Before using **LIQUID DYNEMATE PLUS**, 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).