

# TECHNICAL DATA SHEET

## CHLORAL 50

### Description

**CHLORAL 50** is a high foaming chlorinated detergent suitable for removing greasy dirt and protein. It is effective for the removal of most food soils including animal and vegetable fats, blood and proteins. In addition, the presence of hypochlorite assists removal of organic and vegetable-based stains and helps to prevent build-up of protein film deposits. It does not leave any residues or deposits after a good rinse. It can be used for floors, walls, external cleaning of plants, tanks and equipment in the dairy, brewing, meat processing and canning industries.

It is not recommended to use **CHLORAL 50** on aluminium, tin or zinc surfaces due to the possibility of corrosion.

### Physical and chemical properties:

<b>Physical Appearance</b>	Clear pale yellow liquid
<b>Density at 20°C</b>	1.14
<b>pH (1% sol. in H<sub>2</sub>O):</b>	12.4
<b>Solubility in water</b>	Unlimited

### Use instructions:

1. Rinse with water at 40-60°C to remove any coarse dirt
2. Foam the surface to be cleaned with a 2-6% solution of **CHLORAL 50** using a high or low pressure system. Contact time 10-20 minutes
3. Rinse thoroughly with water at 40-60°C until neutral reaction.

Add 10ml of 0.1N Sodium Thiosulphate to 10ml of the test solution, mix well and allow to stand for about 30 seconds, add 2-3 drops of phenolphthalein indicator solution and titrate with Hydrochloric acid 0,1N to a colorless end point.

$$\% \text{ CHLORAL 50} = \text{ml HCl } 0,1\text{N} \times 0,75$$

### Storage information:

Avoid misuse of the product. Store in original sealed packages or, where applicable, in the appropriate premises or storage tanks away from extreme temperatures.

Refer to the Safety Data Sheet for information on handling and disposal of solutions.  
IRCA SERVICE is not liable whatsoever for any misuse of the product.

