

# ADCIP LC835

## Liquid, Heavy Duty Alkaline C.I.P. Cleaner

**ADCIP LC835** is a liquid heavy duty, alkaline cleaner. It is designed to remove a wide range of fats, oils and proteinaceous soils from stainless steel, mild steel and plastic surfaces. It has applications in food processing plants and allied industries as a C.I.P., spray, or immersion cleaner.

### **ADCIP LC835** is DESIGNED:

1. To rapidly wet, penetrate and degrade most fats, oils, greases, proteinaceous soils, and other soils commonly found in food processing equipment and food transport tankers.
2. To be corrosion safe on copper and ferrous metals.
3. To emulsify and suspend dislodged soils, which increases the efficiency of subsequent rinsing operations.
4. To be low foaming, thereby maximising spray ball and nozzle efficiency and eliminating problems with pump cavitation.
5. To be economical in use - **ADCIP LC835** has a high active content.
6. To maintain its high-performance characteristics when used in hard water.
7. To contain only biodegradable surfactants.

### **CHEMICAL AND PHYSICAL PROPERTIES**

Appearance:	Low viscosity liquid
Flash Point:	Non-flammable
pH (1% solution):	>12
Foam Characteristics:	None
Odour:	Low

### **DIRECTIONS FOR USE**

**ADCIP LC835** is suitable for use in C.I.P. operations, as a spray cleaner in enclosed spray wash machines or as an immersion cleaner in soak type operations.

Below is a summary of the concentrations and operating conditions for each method of application.

**Method 1: Cleaning in Place (C.I.P.)**

Concentration	0.5 - 3.0%
Temperature	40 - 85°C.
Time	15 to 30 minutes.

**Method 2:** Spray cleaning of tankers, vats, and vessels with spray balls or the cleaning of crates using an enclosed, hooded spray wash machine.

Concentration	0.25 - 1.0%
Temperature	40 - 75°C.
Time	15 to 30 minutes.

**Method 3:** Immersion cleaning of stainless steel, mild steel, copper and plastic general equipment.

Concentration	1.0 - 10.0%
Temperature	20 - 95°C.
Time	5 minutes to overnight

**Method 4: Meat Hooks, Rollers**

Concentration	5 - 10%
Temperature	90 - 95°C.
Time	2 to 15 minutes.

**ADCIP LC835** is not suitable for manual scrubbing operations or for use through pressure washers or atomising sprayers.

**EFFECT ON MATERIALS OF CONSTRUCTION**

**ADCIP LC835** is suitable for use on ferrous, copper and plastic surfaces and equipment.

When **ADCIP LC835** is used in a spray situation care should be taken to only use plastic or stainless steel nozzles.

When used as an immersion cleaner, tanks should be constructed from mild steel or stainless steel with stainless steel heating coils.

**CAUTION**

Do not use **ADCIP LC835** or its solution on aluminium or zinc alloys (including galvanised iron). These metals are attacked by caustic solutions.