

# LAC 110

## LIQUID ALKALINE SPRAY CLEANER FOR FERROUS METAL

### ▶ PRODUCT DESCRIPTION

**LAC 110** is a liquid based alkaline cleaner used primarily in industrial applications for in-process cleaning of ferrous metals. Using the latest additives for detergency and wetting available, LAC 110 offers exceptional cleaning properties for the removal of most industrial contaminants, particularly smut and fine particulate entrained into the substrates surface. Residual films of LAC 110 can provide corrosion protection for parts in storage and during shipping.

### ▶ FEATURED BENEFITS

- Extremely low foaming characteristics ideal for high pressure washers
- Excellent cleaning efficiency
- Imperceptible thin film corrosion preventative offers superior rust protection and weldable surface
- Exceptional hard water stability keeps washers clean and maintenance free
- Lean concentrations assure low consumption and cost effectiveness
- High detergency/surfactant package providing added cleaning power beyond alkalinity
- Contains no phosphates, nitrites or silicones

### APPLICATION



#### COMPATIBLE METALS

Cast Iron  
Carbon Steel  
Tool Steel  
Stainless Steel

#### OPERATION/APPLICATION METHOD

Spray

#### RECOMMENDED OPERATING TEMPERATURE

140° – 160° (60° – 71°C)

#### RECOMMENDED DILUTION RANGE

3 – 10% v/v

#### FOAMING CHARACTERISTICS

Low

#### RUST PROTECTION

Limited Indoor





### TYPICAL PROPERTIES

Fluid Type	Alkaline cleaner
Appearance	Straw colored liquid
Specific Gravity, 60/60°F (15.6/15.6°C)	1.02
Weight, lb/gal., 60°F (15.6°C)	8.3
pH (1 % dilution)	11.0
Foaming Tendency	None

### PRODUCT APPLICATION / USAGE

LAC 110 is ideally suited for facilities requiring a high degree of cleanliness on their ferrous materials. LAC 110 should always be added to the water in the washer.

Operation	Temperature	Cast Iron Ferrous Alloys	Aluminum Alloys
Spray Washer	140° – 160° (60° – 71°C)	4 – 6%	NR
Immersion Tank/Agi-Lift	140° – 160° (60° – 71°C)	5 – 6%	NR
Ultrasonic Bath	140° – 160° (60° – 71°C)	4 – 5%	NR

### MIXING DATA

LAC 110 Concentration control is easily maintained with a hand held refractometer or Chemtool Total Alkalinity Titration Kit.

Concentration	3.0%	4.0%	5.0%	6.0%	10.0%
Alkalinity (factor = 0.41) Titration Test Kit (# drops 0.5 N HCl)	7	10	12	15	24
Refractometer Reading	1.0	1.2	1.6	2.0	3.2

### PRODUCT CODE

4102300000

### HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).