

LAC 150

ALKALINE SPRAY CLEANER

▶ PRODUCT DESCRIPTION

LAC 150 is a liquid alkaline cleaner used primarily in industrial applications for in-process cleaning of ferrous and aluminum alloys. Using the latest available additive technologies for improved detergency and wetting, LAC 150 offers exceptional cleaning properties for the removal of most industrial contaminants, particularly smut and fine particulate entrained into the substrates surface. The residual films of LAC 150 can provide corrosion protection for parts in storage and during shipping.

▶ FEATURED BENEFITS

- Biodegradable
- Free rinsing
- Long tank life
- Non-foaming
- Good rust protection
- Contains no oils, phosphates or nitrates

APPLICATION



COMPATIBLE METALS

Aluminum
Cast Iron
Carbon Steel
Tool Steel
Stainless Steel
Steel

APPLICATION METHOD

Spray Washer

OPERATING TEMPERATURE

Ambient – 170°F (77°C)

DILUTION RANGE

3 – 6 % v/v

FOAMING CHARACTERISTICS

None

RUST PROTECTION

Short-term





TYPICAL PROPERTIES

Fluid Type	Alkaline cleaner
Appearance	Straw colored liquid
Specific Gravity, 67°F (19.4°C)	1.103
Weight, lb/gal., 67°F (19.4°C)	9.19
pH (1% dilution)	12.3
Foaming Tendency	None

PRODUCT APPLICATION / USAGE

LAC 150 is recommended for general purpose cleaning and degreasing operations of ferrous and aluminum alloys. It can be utilized at temperatures from ambient to 170°F (77°C) in spray systems. Use concentrations should begin at 3.0-6.0% for general purpose applications.

Operation	Temperature	Cast Iron, Steel, Ferrous Alloys	Aluminum Alloys
Spray Washer	Ambient – 170°F (77°C)	3 – 6%	3 – 6%
Immersion Tank/Agi-Lift	140° – 160°F (60° – 71°C)	5 – 6%	5 – 7%

MIXING DATA

Concentration control is easily maintained with a hand held refractometer or Chemtool titration kit.

Concentration	10%	9%	8%	7%	6%	5%	4%	3%	2%	1%
Alkalinity (factor = 0.3589)	28	25	22	19	16	13	10	8	6	3
Titration Test Kit (# drops 0.5 N HCl)										
Refractometer Reading	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6	0.3

PRODUCT CODE

4102700000

HEALTH AND SAFETY

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