

# LAC 945

## HEAVY DUTY IMMERSION CARBON REMOVER AND DEGREASER

### ▷ PRODUCT DESCRIPTION

**LAC 945** is a highly concentrated, mildly alkaline cleaner and carbon remover. LAC 945 is recommended for use on aluminum and steel substrates to remove burnt on carbon deposits and greasy/oil soils, and light oxides.

### ▷ FEATURED BENEFITS

Specifically formulated to improve cleaning quality with the following features:

- Safe on both ferrous and aluminum substrates
- High temperature stable/hard water stable
- Increased detergency for oil and grease removal short term flash rust and corrosion protection
- Light oxide removal
- Burnt on carbon removal

### APPLICATION



#### COMPATIBLE METALS

Aluminum  
Cast Iron  
Carbon Steel  
Tool Steel  
Stainless Steel  
Steel

#### APPLICATION METHOD

Immersion Tank  
Agi-Lift  
Ultrasonic Bath

#### OPERATING TEMPERATURE

Ambient – 176°F (80°C)

#### DILUTION RANGE

10 – 50% v/v

#### FOAMING CHARACTERISTICS

Moderate





## TYPICAL PROPERTIES

Fluid Type	Slightly alkaline cleaner
Appearance	Clear light brown liquid
Specific Gravity, 60°F (15.6°C)	1.019
Weight, lb/gal., 60°F (15.6°C)	8.49
pH (neat)	9.4 – 9.8
Foaming Tendency	Moderate

## PRODUCT APPLICATION / USAGE

LAC 945 is recommended for immersion, and agitated immersion washers. It is recommended to use LAC 945 at temperatures between ambient and 176°F (80°C). LAC 945 should not be used in spray systems.

Operation	Temperature	Cast Iron, Steel, Ferrous Alloys	Aluminum Alloys
Immersion Tank/Agi-Lift	Ambient – 176°F (80°C)	5 – 50% (Optimally 25 – 50%)	5 – 50% (Optimally 25 – 50%)

## MIXING DATA

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

Concentration	50%	40%	30%	20%	10%
Free Alkalinity Titration: 50.0ml, 0.1N HCl, PTH %v/v Conc.=1.9321xml – 5.8974	28.9	23.8	18.6	13.4	8.2
Refractive Index	25	20	15	10	5

## PRODUCT CODE

4801800000

## HEALTH AND SAFETY

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