

ALUMINUM SAFE CABINET AND SPRAY CLEANER

LIQUID ALKALINE SPRAY CLEANER

PRODUCT DESCRIPTION

Aluminum Safe Cabinet and Spray Cleaner is a specially formulated liquid alkaline cleaner designed for industrial applications for in-process cleaning of sensitive aluminum alloys that are prone to staining in alkaline systems. Using the latest available additive technology for improved detergency and wetting, Aluminum Safe Cabinet and Spray Cleaner 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 Aluminum Safe Cabinet and Spray Cleaner can provide corrosion protection for parts in storage.

PRODUCT BENEFITS

- Extremely low foaming characteristics ideal for high pressure washers
- Safe on sensitive aluminum alloys such as 500, 600 and 7000 series alloys
- Exceptional hard water stability keeps washers clean and free of maintenance
- Lean concentrations assure low consumption and cost effectiveness
- High detergency/surfactant package providing added cleaning power beyond alkalinity
- Contains no phosphates, nitrites or silicones
- Contains silicates

PRODUCT APPLICATION



Compatible Metals

Aluminum
Cast Iron
Carbon Steel
Tool Steel
Stainless Steel

Application Method

Pressure Washer
Spray Washer
Immersion Tank
Agi-Lift

Operating Temperature

Ambient – 160°F (to 71°C)

Dilution Range

2 – 15% v/v

Foaming Characteristics

Low

Rust Protection

Limited Indoor

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TYPICAL PROPERTIES

Fluid Type	Liquid alkaline cleaner
Appearance	Straw colored liquid
Specific Gravity, 60/60°F (15.6/15.6°C)	1.12
Weight, lb/gal., 60°F (15.6°C)	9.3
pH (1% dilution)	12.6
Foaming Tendency	None

APPLICATION / USAGE

Aluminum Safe Cabinet and Spray Cleaner is ideally suited for facilities requiring a high degree of cleanliness on their ferrous and aluminum materials. Aluminum Safe Cabinet and Spray Cleaner should always be added to the water in the washer.

Operation	Temperature	Cast Iron, Ferrous Alloys	Aluminum Alloys
Spray washer	140° – 160°F (60° – 71°C)	4 – 6%	5 – 7%
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	15%	10%	8%	5%	4%	2%
Alkalinity (factor = 0.36)	42	28	22	14	11	5
Titration Test Kit (# drops 0.5 N HCl)						
Refractometer Reading	5.0	3.3	2.7	1.7	1.3	0.7

PRODUCT NUMBER

4103000000

HEALTH AND SAFETY

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

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