

Aluminum Safe

Machine Detergent

For Industrial and Institutional Use Only



Distributed by:
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GENERAL DESCRIPTION

ALUMINUM SAFE is a heavy duty built dish machine detergent designed specifically for the removal of encrusted soils common to the bakery industry. ALUMINUM SAFE is strong yet safe for use on aluminum, and it is dispensed directly from the shipping container, thus eliminating messy spills and unsightly washing areas. This unique product is formulated to be dispensed through an automated injector system, assuring the lowest possible use cost.

PHYSICAL PROPERTIES:

Chemical Composition: Alkaline base; soil and mineral sequestering agents for water conditioning; metal and glaze protectants.

Appearance.....	Colorless Clear Liquid
pH	13.6
pH of 1% solution.....	12.1
Specific gravity	1.265
Solubility	Complete and Fast
Stability.....	1 Year @ Ambient Temperature
Caustic	Present
Biodegradable.....	Yes, all surfactants
Foaming	Low
Metal Safety.....	Safe with soft metals
Water Hardness Tolerance.....	
.....	15 Grains Per Gallon at 0.3%
.....	10 Grains per Gallon at 0.2%
.....	5 Grains Per Gallon at 0.1%

PACKAGING

5 gal plastic pail, 48 lbs. net weight / 50 lbs. gross

RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Alkalinity Test Kit. Use range is 0.1% to 0.3%, or 3 to 9 drops (each drop = .033%) using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H₂O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 2 drops, total drop titration equals 8 drops. (8 - 2 = 6 x .033% = 0.2%)

WARNING

KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED.

Highly alkaline liquid. Causes severe skin burns and eye damage. Do not mix with anything but water.

FIRST AID:

EYES: Flood with water if splashed in eyes. Flush with water for at least 15 minutes and consult physician immediately. INGESTION: If swallowed, drink large amounts of milk, milk of magnesia, or gelatin. If these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.