

# ALUMINATE HD

HEAVY DUTY ACIDIC ALUMINUM BRIGHTENER & ALL PURPOSE ACID WASH

## DESCRIPTION:

Very aggressive acid cleaner uses a strong mixture of Sulfuric and Hydrofluoric acid that literally dissolves the toughest mineral build-up, oxidation, carbon, rust and soap-scum from: aluminum, chrome, stainless, glass, brick, concrete, FRP and painted surfaces.

## CONTAINER SIZES:

5-gallon, 30-gallon, 55-gallon, 275-gallon

## PHYSICAL PROPERTIES:

COLOR	Orange
ODOR	Sharp Pungent
pH @ 1%	1.0
VOC's	1%
SPECIFIC GRAVITY	1.30-1.35
FORM	Aqueous

## CAUTIONS: Corrosive & Toxic

Contains Hydrogen Fluoride. Will cause severe irritation, burns or sores. Wear eye and skin protection when handling and a NIOSH approved mask for acid mists. Keep lids closed. Store at room temperatures and out of direct sunlight. Read MSDS to understand all health hazards associated with this product.

## ADVANTAGES:

Fast acting aggressive acid cleaner works where many acids or other cleaners are not effective.

Fluoride acid literally dissolves contaminants for an "on contact" easier cleaning experience.

Outstanding aluminum cleaner!

Moderate foamer!

Use on many washable surfaces!

## DILUTION RATIOS:

Aluminum Brightener: 1:4-20

Concrete Etching: 1:1-10

Wall Cleaner: 1:1-25

Regular Acid Wash: 1:50-150

De-Scaler: 1:10-30

## CAUTION & DISCLAIMER:

This product will degrade silicone bearing substances and glass at any ratio; do not use stronger than 1:50 on glass as it will cloud or etch it permanently. Use caution if using on high gloss painted surfaces as it may create irreversible effects. Test in an inconspicuous spot before fully using this chemical. Over exposure to this product can cause hypocalcaemia, sores, rash and chronic respiratory complications. Since the use of this product is beyond our control we make no guarantees expressed or implied. Use at your own risk. Contact the manufacturer or your distributor with any questions concerning this product.