

# TECHNICAL DATA REPORT

HS 0405

## ALU-BRIGHT Energized Aluminum Brightener

### DESCRIPTION:

Alu-Bright is a balanced combination of inorganic acids, emulsifiers and surface active agents blended into a stable, highly energized concentrate that gives neglected aluminum a "LIKE NEW" shine and leaves it free from road film, diesel smoke, grease, oxidation and carbon.

### PURPOSE:

For cleaning and brightening aluminum, copper, stainless steel, brass, iron, steel, and bronze surfaces.

### HOW TO USE:

Add one part of ALU-BRIGHT to 8 to 20 parts of water, depending on the condition of the metal surface as well as soil present. Heavily soiled areas should be pre-cleaned with MELROSE DM-505 or CAR-PLUS. Use a stainless steel, rubber or polyethylene container to prepare the ALU-BRIGHT solution. NEVER USE mild steel, galvanized or glass containers. Pumps, hoses and spray equipment should be of acid-resistant construction.

Apply by brush or spray application to wet surface. Use a V-Jet nozzle and spray without entrained air at 20 to 30 psi close to the surface being cleaned and brightened. Spraying is highly recommended since it reduces wasting the material. However, it should be followed by immediate agitation of the surface with a brush to eliminate streaking. Always start on the bottom and work up. Allow the compound to remain on the surface from 2 to 5 minutes. Rinse thoroughly with water to remove the ALU-BRIGHT and the soil.

When using ALU-BRIGHT, avoid brightening on heated surfaces or in direct sunlight. Surfaces may be cooled by flushing with copious amounts of water. Never allow the brightener to "dry down" on the surface while brightening. If necessary, keep area wet by a fine spray of water from a garden hose or other equipment. Brushes for agitation and application should be of firm bristle construction suitable for use with acids but should not scratch the surface.

**ALWAYS RINSE WITH POTABLE WATER THE SURFACES THAT MAY COME INTO CONTACT WITH FOOD.**

### PRINCIPAL USERS:

Bulk tank carriers, transport companies, refineries, food processing plants, automotive detailing operations.

### ADVANTAGES:

- 1) Removes corrosion, cleans and brightens stainless steel and aluminum.
- 2) Removes light exhaust carbon and impacted soil.
- 3) Free rinsing, leaves no residue.
- 4) Concentrated product.
- 5) Fastest brightener in the trade.
- 6) Approved for Food Plant Use, file # P216 c1.

### PRECAUTIONS:

EXTERNAL: If splashed in eyes or on skin flush thoroughly with water for 15 minutes, then cover with moistened sodium bicarbonate. **GET MEDICAL ATTENTION IMMEDIATELY.** If splashed on clothing remove and wash them immediately.

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**INTERNAL:** If swallowed, give solution of milk and sodium bicarbonate, milk of magnesia or egg whites beaten with water or three to four glasses of milk. **DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.** Read Material Safety Data Sheet.

## SPECIFICATIONS:

Physical form	Clear red liquid
Odour	Slightly acid
Specific Gravity	1.12
pH - 10% solution	2.1 - 2.5
Wetting Ability	Rapid
Emulsification	Excellent
Foaming	High
Rinsing	Complete