

## ALUMINIUM CLEANER & BRIGHTENER

### CONCENTRATED ACIDIC DETERGENT

#### DESCRIPTION

**ALUMINIUM CLEANER BRIGHTENER** is a clear, colourless, concentrated liquid acid detergent which has been formulated especially for cleaning and brightening of aluminium and cleaning of stainless steel surfaces.

#### APPLICATIONS

**ALUMINIUM CLEANER BRIGHTENER** is used for the removal of oxide films and other corrosion by-products from aluminium and stainless steel equipment and road tankers.

- Simultaneous removal of light oil and grease deposits along with etching of aluminium
- Produces a white, bright finish on aluminium
- Economical to use because of low concentrations required
- Excellent rinsability ensures streak-free surfaces
- Suitable for a variety of application methods



#### TECHNICAL DATA

|  |                                     |
|--|-------------------------------------|
| <b>FORM:</b> Liquid                    | <b>FLASH POINT:</b> Not combustible |
| <b>ODOUR:</b> Acrid                    | <b>FLAME EXTENSION:</b> N/A         |
| <b>COLOUR:</b> Clear                   | <b>SOLUBILITY IN WATER:</b> 100%    |
| <b>DETERGENCY:</b> Low                 | <b>SPECIFIC GRAVITY:</b> 1.2g/ml    |
| <b>TOXICITY:</b> Very toxic; Poison S7 | <b>%VOLATILE BY VOLUME:</b> 70%     |
| <b>WETTING ABILITY:</b> Good           | <b>pH:</b> 1                        |
| <b>STORAGE ABILITY:</b> 1 year +       | <b>PROPELLANT:</b> Nil              |
| <b>COLD STABILITY:</b> Good            | <b>EVAPORATION RATE:</b> Slow       |
| <b>PHOSPHATES:</b> Nil                 | <b>BIODEGRADABILITY:</b> No         |

#### LABEL INFORMATION

### VERY TOXIC. KEEP LOCKED UP.

#### DIRECTIONS FOR USE

These recommendations are based on field experience and may require variation for specific applications.

#### MANUAL APPLICATION

- Thoroughly wet the surface to be cleaned
- Dilute **ALUMINIUM CLEANER BRIGHTENER** from 1:10 up to 1:25 with water at ambient temperature
- For heavy soiled surfaces we suggest a preliminary cleaning with a mild alkaline detergent, followed by a water rinse prior to the application of **ALUMINIUM CLEANER BRIGHTENER**
- **ALUMINIUM CLEANER BRIGHTENER** can be applied manually by a mop, brush or swab, by an acid resistant high pressure spray unit
- Allow 30 seconds to 2 minutes before thoroughly rinsing all surfaces
- Do not allow solution to dry on the surface

#### IMMERSION

|               |  |
|---------------|--|
| Concentration | 1-2%   |
| Temperature   | Ambient  |
| Time          | 1 to 5 minutes depending on soil loading and the finish required |

#### TANK MATERIALS

Tanks for **ALUMINIUM CLEANER BRIGHTENER** and associated rinse tanks must be made of acid-proof materials. Small tanks may be made of plastics such as PVC, polyethylene or even fibreglass.