

## RENEW CONCENTRATE

### ALUMINUM CLEANER

**RENEW CONCENTRATE** is an acidic aluminum cleaner formulated to restore the weathered appearance of aluminum surfaces without the harsh whitening effect caused by hydrofluoric acid products.

**RENEW CONCENTRATE** removes oxidation products and road film from lightly weathered aluminum tankers and trailer units, safely restoring brilliant shiny surfaces.

**RENEW CONCENTRATE** is not designed to restore aluminum surfaces that have been damaged by products containing hydrofluoric acid or caustic soda.

### FEATURES & BENEFITS

- Safer than hydrofluoric acid-based cleaners
- Effectively cleans and brightens weathered aluminum tankers and trailer units
- Can be applied by foaming to for even surface coverage and extended dwell times
- Free rinsing



### DIRECTIONS FOR USE

#### Use procedure

Apply diluted **RENEW CONCENTRATE** solution to the trailer surface by low pressure spray or using a foaming system. Allow 5 to 15 minutes of dwell time, depending on the degree of surface oxidation, then rinse thoroughly with water. Use foaming application to improve the efficiency of the cleaning process, and to avoid producing acidic mists in the work area.

#### Caution

To prevent any corrosive damage to surfaces do not allow this acidic cleaning solution to dry on metal surfaces. Do not heat the cleaning solution or apply to hot surfaces. Test this product on an inconspicuous area to confirm no damage to the metal surface, before proceeding with the cleaning program.

#### Concentration

Dilute 8:1 to 20:1 with water before applying to surface by low pressure spray or using a foaming system.

#### Use temperature

Dilute with cold water. Do not apply solution to hot surfaces.

#### Rinsing

High pressure, cold or warm water.

# RENEW CONCENTRATE ALUMINUM CLEANER

## PHYSICAL PROPERTIES

Appearance	Clear, colorless liquid
Odour	Mild, detergent
Specific gravity @ 20°C	1.200 - 1.220
Viscosity	Not available
pH	0.5 – 1.5 (10% v/v solution in water)
Flash point (TCC)	None
Water solubility	Complete
Boiling point	Approx. 100°C (212°F)
Freezing point	Approx. 0°C (32°F)
Foaming tendency	Moderate
Rinsing	Excellent
Concentration monitoring techniques	Electrical conductivity, titration

## INCOMPATIBILITY

Strong oxidizing agents, alkalis

## WAREHOUSING PRECAUTIONS

Store away from incompatible materials  
Keep from freezing

## AVAILABLE SIZES

			
<b>20L</b>	<b>205L</b>		

## IMPORTANT

Before using **RENEW CONCENTRATE**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician immediately.

### Skin contact

Take off contaminated clothing and rinse skin with plenty of water. Get medical advice/attention. Wash any contaminated clothing before re-use.

### Inhalation

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.

### Ingestion

Do not induce vomiting unless directed by medical personnel. Rinse mouth with water and drink 1 or 2 glasses of water and call a POISON CENTER or doctor/physician immediately. Do not give anything by mouth to an unconscious person.

## PERSONAL PROTECTION



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