

## LIME CLEANER

LIQUID DETERGENT COMPOUND CONTAINING PHOSPHORIC ACID AND NON-IONIC SURFACTANTS FOR CLEANING OF NON-FERROUS METALS AND REMOVAL OF LIME STAINS

### APPLICATIONS:

LIME CLEANER is used for removing lime from iron and steel surfaces. It also cleans and brightens aluminum and copper. Lime stains on painted surfaces, porcelain, terrazzo, ceramic tiles, wood etc can be removed with LIME CLEANER. It is also used as a protective pretreatment for iron and steel prior to painting.

### DIRECTIONS FOR USE:

- Remove loose dirt and lime scale by sweeping or brushing prior to applying LIME CLEANER.
- Apply LIME CLEANER with brush to surfaces to be treated or by soaking for smaller parts as follows:  
Use undiluted for severely corroded and soiled surfaces.
- Use diluted in solution of 1 part LIME CLEANER to 2- or 4-parts fresh water for aluminum and less corroded or soiled surfaces.
- Rinse thoroughly with water after 10 to 15 minutes from application. When used on aluminum rinse off within 5 minutes from application.

LIME CLEANER is also used for removing lime deposit in cargo tanks during tank cleaning operations. Normally, 0.5% solution of LIME CLEANER circulated via the tank washing machine for about 20 minutes is sufficient.

NOTE: LIME CLEANER is not recommended for use on zinc or galvanized surfaces.

### NATURE OF SPECIAL RISKS AND SAFETY ADVICE:

In accordance with the latest ECC Council directives this product is subjected to:

*R34: Causes burns.*

*S2: Keep out of reach of children.*

*S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*

*S36/37/39: Wear suitable protective clothing, gloves and eye / face protection*

*S45: In case of accident or if you feel unwell, seek medical advice immediately.*

### PRODUCT CHARACTERISTICS:

Appearance:	clear colorless liquid
IMO Class:	III/8
pH 1% solution:	2 (pH <1)
UN Number:	1805
Specific gravity:	1,2 (20°C)
Flash point:	none
ADR:	8.17c)

- Completely removes lime and stains from metal and wooden surfaces
- Inhibited against attack on ferrous metals
- Cleans and brightens aluminum and copper
- Forms protective coating on steel surfaces to which paint adheres readily
- Biodegradable and non-flammable