

# TECHNICAL DATA REPORT

HS 0425

## PHOS-ETCH Acidic Detergent and Phosphatizing Compound

### DESCRIPTION:

Blend of mineral acids, wetting agents and inhibitors.

### PURPOSE:

**PHOS-ETCH** removes oxidation and corrosion products, light greases and oils, dirt and other soils from aluminum, stainless steel and other metals. **PHOS-ETCH** leaves metals clean, bright and ready for painting. Its phosphatizing action on metals, especially aluminum, is particularly outstanding and far superior to the phosphatizing action achieved by ordinary acidic compounds.

### HOW TO USE:

- 1) **Heavily Soiled Surfaces:** Brush, soak or spray the cool surface with a solution of 1 part **PHOS-ETCH** to 3 parts water (25°C. to 40°C.). Allow 3 to 5 minutes contact time and rinse thoroughly with potable water.
- 2) **Average Soiled Surfaces:** Use same procedure as in (1) except use a solution of 1 part **PHOS-ETCH** to 7 parts water.
- 3) **Lightly Soiled Surfaces:** Use same procedure as (1) except use a solution of 1 part **PHOS-ETCH** to 16 parts water.

### MAIN USERS:

Municipalities, Provincial garages, County garages, Surface Finishing Industries, Aircraft Refinishing Plants, Furniture Plants, etc.

### ADVANTAGES:

- 1) Leaves metals clean, bright and ready for painting.
- 2) Removes oxidation, corrosion products and a wide variety of soils, such as grease, oils and dirt from metal surfaces.
- 3) No odour, non-fuming.
- 4) Especially outstanding for use on aluminum equipment and utensils.
- 5) Easy to apply.
- 6) Easy to rinse.
- 7) Gives more corrosion protection than ordinary acidic compounds.
- 8) Contains biodegradable surfactants.

### 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.

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:

pH (Concentrate) .....	1.0 - 1.4
Density at 20°C .....	1.20 - 1.22
Physical Form .....	Clear liquid
Colour .....	Colourless
Odour .....	Odourless
Active ingredients .....	33%
Stability .....	Stable between -17°C and 55°C