

# TECHNICAL DATA REPORT

HS 0415

## LUSTREX Acidic Brightener and Detergent

### DESCRIPTION:

Blend of mineral acids, wetting agents and inhibitors.

### PURPOSE:

**LUSTREX** removes oxidation and corrosion products, light greases and oils, dirt and other soils from aluminum, stainless steel and other metals. **LUSTREX** leaves metals clean, bright and lustrous. Its brightening action on metals, especially aluminum and stainless steel, is particularly outstanding and far superior to the brightening 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 **LUSTREX** 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 **LUSTREX** to 7 parts water.
- 3) **Lightly Soiled Surfaces:** Use same procedure as in (1) except use a solution of 1 part **LUSTREX** to 16 parts water.
- 4) **Brightening After Cleaning:** First clean surface with suitable alkaline detergent. Rinse with potable water. Then soak, brush or spray a solution of 1 part **LUSTREX** to 40 parts water (25°C to 45°C) onto surface, allow to remain for 3 to 5 minutes and rinse with potable water. **ALWAYS RINSE WITH POTABLE WATER THE SURFACES THAT MAY COME INTO CONTACT WITH FOOD.**

### PRINCIPAL USERS:

Meat packing plants, food processing plants, cheese plants, creameries, dairies, bottling plants, seafood processing plants, bakeries, egg processing plants, and many others.

### ADVANTAGES:

- 1) Leaves metals clean, bright and lustrous.
- 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 and stainless steel equipment and utensils.
- 5) Easy to apply.
- 6) Easy to rinse.
- 7) Gives brighter surface than ordinary acidic compounds.
- 8) Contains biodegradable surfactants.
- 9) 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.

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.

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## 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