

# Luster-On Products

## Technical Data Sheet

### LUSTER-ON 1243L

#### CONCENTRATED HEAVY DUTY LIQUID SOAK CLEANER

##### I. GENERAL DESCRIPTION

Luster-On 1243L is a concentrated liquid soak cleaner designed for removing buffing and drawing compounds, grease, oils, and carbonaceous deposits from steel, stainless steel, copper and brass. Versatile Luster-on 1243L is designed to be used with 50% Liquid Caustic Soda to produce a well balanced blend of alkaline salts and biodegradable surfactants that provide excellent solution life coupled with heavy duty cleaning efficiency.

Luster-On 1243L is recommended to relieve the handling problems associated with powdered cleaners. Use of this system eliminates dusting and caking problems. Undissolved cleaner at the bottom of the tank is a thing of the past. Additions may be made to a hot or cold tank without danger of boil-over for safe, more efficient operations.

Luster-On 1243L may be added with automatic control equipment assuring maximum cleaning efficiency at all times. Luster-On Products, Inc. Equipment Department can provide controllers and metering equipment to suit most applications.

**NOTE: READ MATERIAL SAFETY DATA SHEETS ON LUSTER-ON 1243L AND LIQUID CAUSTIC SODA (SODIUM HYDROXIDE) BEFORE USING.**

##### II. BATH MAKE-UP:

Concentration:

Luster-On 1243L	5 - 10% by volume of water
50% Liquid Caustic	1 - 2% by volume of water

Temperature: 160° to 180°F.

**NOTE: Exact concentration and temperature will depend upon operation and extent of soil build-up**

**DO NOT USE ON ALUMINUM.**

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## LUSTER-ON 1243L (cont'd)

### III. CONTROL

1. Pipette a 10 ml sample of the cleaner to be tested into a 250 ml Erlenmeyer flask and add about 50 ml of water.
2. Add about 5 drops of Congo Red Indicator.
3. Titrate with 1.0 N Hydrochloric Acid until the solution color changes from red to blue.
4. **CALCULATION**: (mls 1.0 N HCl) (1.50) = % by volume Luster-On 1243L.
5. **ADDITIONS**: Always add one (1) gallon of 50% liquid caustic for every five (5) gallons of Luster-On 1243L.

### IV. SAFETY AND HANDLING PRECAUTIONS

#### **THE FOLLOWING PRECAUTIONS APPLY TO BOTH CONCENTRATED PRODUCT AND WORKING SOLUTIONS MADE UP USING THIS PRODUCT.**

Luster-On 1243L is a highly alkaline industrial material. Direct contact causes burns of eyes and skin. It is harmful if swallowed or inhaled. Avoid contact with eyes, skin and clothing. Wear rubber gloves, safety goggles or face shield, and suitable protective clothing when handling concentrate or solutions. Wash thoroughly after handling. Avoid breathing mist. Use with adequate ventilation. Do not take internally.

#### **KEEP OUT OF REACH OF CHILDREN**

### V. DISPOSAL

Neutralize and discharge in accordance with federal, state and local regulations.

### VI. STORAGE

Suitable for indoor storage. No effect on aging. Keep container closed when not in use.

### VII. PACKAGING

550-pound non-returnable poly-lined drum.

This product is sold for industrial use only. Our suggestions for its use are based upon tests and procedures, which from experience we believe to be reliable. Since the use is beyond our control, neither we, nor our distributors, can assume responsibility, either expressed or implied, for the results and/or for any violation of any patents or any claims resulting from such use.

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