

# Luster-On Products

## Technical Data Sheet

### **LUSTER-ON 242**

#### **Low Temperature, Heavy-Duty, Alkaline Immersion Cleaner**

#### **I. GENERAL DESCRIPTION**

Luster-on 242 is a modern highly alkaline powdered material designed to clean a variety of metals including steel, stainless steel, iron, brass, copper, zinc and magnesium by immersion application.

To increase fuel savings, Luster-on 242 effectively removes buffing and drawing compounds, fabricating soils, oils and grease at temperatures as low as 80 F. Typical applications include precleaning before phosphating, engine rebuilding and electrocleaning.

#### **II. OPERATING CONDITIONS**

Concentration	6 - 12 oz/gals. of water
Temperature	80 - 170 F

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

#### **III. PACKAGING**

4000-pound non-returnable poly-lined fiber drum.

## **Luster-On 242 (continued)**

### **IV. CONTROL**

1. Pipette a 10-ml sample of the solution into a 250-ml Erlenmeyer flask and add 50 ml deionized water.
2. Add 5 drops Phenolphthalein Indicator to the sample.
3. Titrate with 1.0 N Hydrochloric Acid until the pink color disappears.

### **CALCULATION**

(Mls HCL) X (Normality of HCL) X (1.1)=oz/gal Luster-On 242M.

### **V. DISPOSAL**

Neutralize, dilute, 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. SAFETY AND HANDLING PRECAUTIONS**

**CAUTION: HIGHLY ALKALINE INDUSTRIAL MATERIAL.**  
**DANGER: CAUSES BURNS OF EYES AND SKIN IF SWALLOWED OR INHALED.**

Avoid contact with eyes, skin, and clothing.  
Wear rubber gloves, safety goggles or face shield and suitable protective clothing.  
Wash thoroughly after handling.  
Avoid breathing dust or mist.  
Use with adequate ventilation.  
Do not take internally.

When preparing new solutions or adding to existing ones, slowly sprinkle product over surface of solution while stirring to avoid violent spattering. Do not add large amounts of dry powder to solution at any one time. Do not add to hot water or hot solutions warmer than 110° F.

## **LUSTER-ON 242**

### **VII. SAFETY AND HANDLING PRECAUTIONS (CONTINUED)**

#### **FIRST AID IN CASE OF CONTACT**

**FOR EYES:** Immediately flush eyes or skin with plenty of water for at least 15 minutes. Get medical attention.

**FOR SKIN:** Immediately flush with plenty of water. Remove contaminated clothing. Wash clothing and shoes before reuse.

**IF SWALLOWED:** Wash out mouth thoroughly with water. Give several glasses of water or milk to drink. Follow with diluted vinegar, lemon juice or other citrus fruit juices. Contact a physician.

**KEEP OUT OF REACH OF CHILDREN**

**FOR INDUSTRIAL USE ONLY**

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