

# MATERIAL SAFETY DATA SHEET

## SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

### IDENTITY (As Used On Label and List):

Culligan StarBrite Liquid Dish Soap

SYNONYMS: ST-1616, ST-1617, ST-1625

FORMULA ID NUMBER: DL-94

EPA REG #: None

USDA ACCEPTANCE DATE/CATEGORY CODE: None

COMPANY: PRO PRODUCTS, LLC  
ADDRESS: 502 Incentive Drive  
Fort Wayne, Indiana 46825  
PHONE: 1 (800) 285 5970  
WEBSITE: www.proproducts.com

HAZARD RATING	
0	Flammability
1	Health
0	Reactivity
None	Special Hazard

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

For Transportation Emergency Involving Hazardous Materials Contact: CHEMTREC 1 (800) 424-9300

### Shipping Information:

DOT SHIPPING NAME: Compound Cleaning, NOI, Liquid Item 48580, Sub 3, Class 55  
DOT SHIPPING NUMBER: None  
HAZARD LABEL: None  
HAZARD CLASS: None

## SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

### HAZARDOUS CHEMICAL IDENTITY & CAS#

### HAZARD

### OSHA PEL

### ACGIH TLV

### OTHER LIMITS

### % (OPTIONAL)

SARA SECTION 313 TITLE III NOTIFICATION REQUIRED: No; CHEMICAL IN PRODUCT: N/A; CAS#: N/A; WEIGHT % OF CHEM: N/A

## SECTION III—PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	212° F approx.	VAPOR PRESSURE (mm Hg):	Not Determined
SPECIFIC GRAVITY (WATER=1):	1.033 ± .005	VAPOR DENSITY (AIR=1):	Not Determined
MELTING POINT:	Not Determined	EVAPORATION RATE:	Not Applicable (n-Butylacetate=1)
SOLUBILITY IN WATER:	Complete	pH (CONCENTRATE):	6.50 ± .05
APPEARANCE AND ODOR:	Clear liquid Lemon scent	pH (1% SOLUTION):	Not Determined

## SECTION IV—FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	None
EXTINGUISHING MEDIA:	As needed for surrounding fire.
FLAMMABLE LIMITS:	LEL:Not Applicable UEL:Not Applicable
SPECIAL FIRE FIGHTING PROCEDURES:	Use full protective clothing and self-contained breathing apparatus.
FIRE & EXPLOSION HAZARDS:	None

## SECTION V—REACTIVITY DATA

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Strong oxidizing agents, strong acids
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b>	None known
<b>CONDITIONS TO AVOID:</b>	Freezing and extremes of heat, and contact with incompatible materials (see above)
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur

## SECTION VI—HEALTH HAZARD DATA/FIRST AID PROCEDURES

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Irritation of exposed tissues, especially prolonged contact of eyes, skin, throat, nasal cavities and other mucous membranes. No effects of chronic exposure are expected beyond acute effects.

**CARCINOGENICITY:** NTP: No  
IARC Monographs: No  
OSHA Regulated: No

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation of eyes and possibly upon direct prolonged contact with skin. Prolonged exposure may cause drying of the skin. Mists may irritate the mucous membranes. Swallowing may result in irritation of mouth, throat, and stomach as well as upset stomach.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known or expected.

### EMERGENCY AND FIRST AID PROCEDURES:

**Eyes:** If contact with eyes occurs, flush with plenty of cool water for 15 minutes. Remove contact lenses if present. Consult a physician if irritation persists or is severe.

**Skin:** Rinse thoroughly with water. Remove saturated clothing and wash before reuse. Contact a physician if irritation persists.

**Inhalation:** Remove from exposure and to fresh air. Immediately call for medical advice or assistance if breathing difficulty or irritation is severe or continues.

**Ingestion:** May be harmful if swallowed. If ingested, rinse mouth with large amounts of water. Drink water, milk or other fluids to dilute. DO NOT induce vomiting. Get medical attention immediately. Avoid contamination of foods.

**Note to Physician:** No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to the reactions of the patient.

## SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Small spills: Flush to drain with excess water. Large spills: Stop source of discharge if safe to do so. Contain spilled material, and keep from discharging to surface waters. Recover to drum for later use, treatment, or disposal. Flush residual to drain. Notify local, state, or national authorities if required.

**WASTE DISPOSAL METHOD:** Normally sewer disposal in dilute solutions. Waste disposal must be done in accordance with all local, city or municipality, county, state, and federal regulations. Consult your state department of natural resources or the EPA for specific questions not answerable through other sources.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid unnecessary contact with product. Avoid breathing mists or product or product solution. Wash after use. Prevent contact with incompatible materials; see Section 5. Keep containers tightly closed. Keep from freezing; may rupture container or degrade product.

**OTHER PRECAUTIONS:** Avoid mixing this product with strong oxidizing agents or strong acids. Always keep product out of the reach of children.

## SECTION VIII—OTHER REGULATORY INFORMATION

## SECTION IX—CONTROL MEASURES

**RESPIRATORY PROTECTION:** None normally required. NIOSH/MSHA approved respirator where conditions may cause exposure limits to be exceeded from mists or product or solution.

**VENTILATION:** Local

**Exhaust:** Normally not necessary. If mists are generated, to avoid breathing irritating mists.

**Mechanical (General):** Normally not necessary.

**SKIN PROTECTION:** Chemical resistant, impermeable gloves as needed to prevent excessive contact. Full body covering and shoes as needed to prevent excessive contact.

**EYE PROTECTION:** Glasses, goggles, or face shield to prevent eye exposure.

**WORK/HYGIENIC  
PRACTICES:**

As good hygiene dictates. Eye wash stations or running water in the work area.

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