

# STARLINE

*A liquid, alkaline, chlorinated cleaner designed to remove food soils at low cleaning temperatures.*

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## ❖ **BENEFITS**

- ❖ Low Foaming
- ❖ Chlorinated for Extra Cleaning Action
- ❖ Effective in Hard Water
- ❖ High Detergency
- ❖ Free Rinsing

## ❖ **DESCRIPTION**

STARLINE is a heavy-duty liquid chlorinated low foam detergent designed for circulation cleaning throughout the Food and Dairy Industries. Processing lines, fillers, tanks, and vessels are effectively cleaned. Fats, grease, and proteinaceous soils are quickly penetrated and held in suspension without redepositing after rinsing. Being a liquid, it is ready to go right to work - no time is wasted in predissolving. When used as recommended, STARLINE is safe on all metals except aluminum, galvanized, and other soft metals. STARLINE concentrations can be electronically controlled and automatically fed directly from its shipping container into the cleaning solution supply tank. STARLINE is also highly effective in removing many stains during the cleaning process.

## ❖ **PROPERTIES**

APPEARANCE. . . . . CLEAR, LIGHT YELLOW LIQUID  
BIODEGRADABLE. . . . . YES  
ODOR. . . . . CHLORINE  
AVAILABLE CHLORINE. . . . . 185 PPM @ 1 OZ. GAL.

## ❖ GENERAL USE DIRECTIONS

After processing rinse all equipment with water to remove heavy soil. Make a solution of 1 oz. STAR LINE per 3 gallons of water for light to moderate soil. A heavier concentration of 1 oz. STAR LINE per 1 gallon of water is recommended for thick or heat processed soils. Wash for at least 15 minutes at 140° F. Drain system and rinse.

Acid wash using ACID CLEANER #1 at a concentration of 1 oz. Per 10 gallons of water. Drain and rinse with potable water. Sanitize just prior to processing as per local health codes.

## ❖ COMPLIANCE

STARLINE is acceptable to the U. S. Department of Agriculture as a general cleaning agent in official meat, poultry, rabbit, and egg processing establishments. After use, a potable water rinse is required.

## ❖ SAFETY

**DANGER:** CAUSES SEVERE BURNS TO SKIN AND EYES. HARMFUL OR FATAL IF SWALLOWED. Contains potassium hydroxide and sodium hypochlorite. Avoid contact with skin, clothing or eyes. Wear eye protection and rubber gloves when handling this product. Do not breathe vapor. Use a respirator if working in enclosed areas. Do not mix with acids as a violent reaction may occur and chlorine gas may be formed. Avoid contact with soft metals.

### **FIRST AID:**

**For Eyes:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes. Then continue rinsing. Call Poison Control Center or doctor for treatment advice.

**If Swallowed:** Call Poison Control Center or doctor immediately for treatment advice. Have person sip on a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Control doctor. Do not give anything to an unconscious person.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call Poison Control Center for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.