

# TECHNICAL DATA



## K-Kleen 1000

### High Alkaline Detergent

#### Product Description and Purpose

K-Kleen 1000 is a heavy duty, liquid alkaline detergent formulated expressly for use in cleaning heavily soiled fryers, cookers and processing equipment typically found in food processing plants. Formulated for use in boil-out, spray, soak operations where organic soils, carbon, heavy burn-on, grease, oil, blood and fat must be removed.

#### Features/Benefits

Concentrated  
Highly Chelated  
Highly Alkaline  
Liquid

Economical to Use  
Minimizes Scale Formation  
Removes Carbonized and Organic Soils  
Contains Water Conditioners

#### Surfaces Applicable

K-Kleen 1000 is safe for use on most plastics, Teflon, HDPE, stainless steel, plain steel, fiber wall panels and ceramic tile. Not recommended for use on aluminum, galvanized (zinc coated), tin, copper, bronze or other soft metals.

#### General Usage Directions

- CIP CIRCULATION:** Circulation a solution of .30-1.50 oz/gal water at 140°-180° F for 30 minutes.
- BOIL-OUT:** Rinse (scrape as necessary) fryer or cooker. Remove heavy soils. Circulate a solution of 1.5-4.50 oz/gal (1.00-3.00%) at 160°-212° F for 30-60 minutes. Drain equipment/approved methods, rinse and neutralize. Notes: If rolling boil is specified, follow all pertinent safety guidelines. Solutions will be extremely hot. K-Kleen 1000 will generate foam at boiling temperatures.
- SPRAY CLEANING:** 2.0-6.0 oz/gallon with low-pressure sprayer.



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**MANUAL CLEANING:** Add 1-6 oz/gal to hot 110-120° F water. Brush on equipment. Rinse thoroughly and follow with approved sanitizer.

## **Where Used**

K-Kleen 1000 is recommended for use in a variety of food plants to remove organic, burnt and heavily carbonized soils. Especially effective re-circulation in fryers, boil-out vats and cookers.

## **Physical Properties**

K-Kleen 500 contains a blend of sodium hydroxide, surfactants, hard water mineral sequestrants, wetting agents, rinse agents, alkaline builders and alkaline salts.

Form	Liquid
Color	Dark Brown
Odor	Bland
pH 1%	>12.5
Specific Gravity	1.365-1.39
Previous FSIS/USDA	A-2
Foam	Low (Produces foam at High Temp.)

## **Caution**

Corrosive Alkaline. Causes skin and eye burns. If skin or eye contact occurs, rinse skin thoroughly or flush eyes for 15 minutes and get medical attention. Keep out of reach of children. For industrial use only. Read Safety Data Sheets for more information.



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