

# HDLDC 9

## ALKALINE FOAMING

ENVIROCHEM

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**GENERAL DESCRIPTION:** HDLDC9 is a USDA approved,alkaline cleaner for use in the food, dairy, and meat processing industries. HDLDC9 contains biodegradable surfactants and rinses feely. HDLDC9 is a clear, amber liquid with a slight odor. HDLDC9 can be used in cleaning all areas of restaurants, cafeterias, supermarkets, delis, bakeries, and as a general purpose product in larger food processing and meat packing plants.

**RECOMMENDED RANGE OF USE CONCENTRATIONS:**

Titrate with Institutional Alkalinity Test Kit. Use range is 0.1% to 0.3%, or 3 to 9 drops (each drop = .033%) using a 10 ml sample and 3 drops of Phenophthalein Indicator. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H<sub>2</sub>O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 2 drops, total drop titration equals 8 drops. (8 - 2 = 6 x .033% = 0.2%)

**PHYSICAL PROPERTIES:**

Chemical Composition . . . Alkaline base; soil and mineral sequestering agents for water conditioning  
Appearance . . . . . Clear Amber liquid  
pH . . . . . 13.8  
pH of 1% solution . . . . . 12.1  
Specific gravity . . . . . 1.132 (10.8 lbs/gal)  
Solubility . . . . . Complete and Fast  
Stability . . . . . 1 Year @ Ambient Temperature  
Caustic . . . . . Present  
Biodegradable . . . . . Yes, all surfactants  
Foaming . . . . . High,Stable  
Water Hardness Tolerance . . 15 Grains Per Gallon at 0.3%-10 Grains Per Gallon at 0.2%-5 Grains Per Gallon at 0.1%

**HANDLING PRECAUTIONS:**

**CAUTION: WARNING  
KEEP OUT OF REACH OF CHILDREN.**

Highly alkaline liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomitiing. Obtain prompt medical attention.

**PACKAGING:**

5 gal plastic pail - 54 lbs net / 57 lbs gross  
15 gal plastic drum - 162 lbs net / 168 lbs gross  
55 gal plastic drum-583 lbs net/600 lbs gross

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.