

LOW TEMP DETERGENT

ADVANTAGE CHEMICALS

Distributed by:
Clark Associates, Inc.
2205 Old Philadelphia Pike
Lancaster, PA 17602
1-717-291-9700



GENERAL DESCRIPTION:

LOW TEMP DETERGENT is specially formulated to produce clean and sparkling tableware in Low Temperature dishmachines. LOW TEMP DETERGENT attains excellent results in light to medium soil conditions where soft to medium water hardness conditions are available. Optimum results can be obtained in temperatures ranging from 120° to 160°F.

LOW TEMP DETERGENT cannot be used to wash soft metals such as aluminum or pewter.

DIRECTIONS:

1. Carefully open the container to prevent spilling or splashing.
2. Insert detergent pickup tube into the container opening.
3. The detergent is then dispensed automatically into the machine.
4. Replace with new container when empty.

PHYSICAL PROPERTIES:

Chemical Composition:

Alkaline base; soil and mineral sequestering agents for water conditioning; metal and glaze protectants.

Appearance Clear red liquid
pH 13.2
pH of 1% solution 11.9
Specific gravity 1.24 (10.3 lbs/gal)
Solubility Complete and Fast
Stability 1 Year @ Ambient Temperature
Caustic Present
Foaming Low
Biodegradable Yes, all surfactants
Water Hardness Tolerance:
9 Grains Per Gallon at 0.3%
6 Grains Per Gallon at 0.2%
3 Grains Per Gallon at 0.1%

RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Alkalinity Test Kit. Use range is 0.1% to 0.3%, or 2 to 6 drops (each drop = .05%) using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H₂O 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 6 drops (6 - 2 = 4 x .05% = 0.2%).

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 vomiting. Obtain prompt medical attention.

PACKAGING:

5 gal plastic pail - 52 lbs net / 55 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.

