

# Chlorolite Machine Dish Detergent

ENVIROCHEM

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**GENERAL DESCRIPTION:** CHLOROLITE 505 is a concentrated machine warewashing compound which provides clean ware and sparkling glasses under heavy soil load conditions in hard water, when used at normal warewashing concentrations. The chlorine in this heavily concentrated product is highly stable, providing exceptional destaining properties at efficient use costs. CHLOROLITE 505 will deliver sparkling ware with one pass through the dishmachine when used in conjunction with RINSE ALL, HEAVY DUTY RINSE ALL or DRY QUIK. CHLOROLITE 505 can be used in any dishmachine for washing all types of china, plastic ware, and glassware.

## PHYSICAL PROPERTIES:

Chemical Composition . . . . . Chlorinating agents,  
water softening agents, caustic,  
alkaline builders, buffers,  
and metal protectors.  
Appearance . . . . . White powder  
Available chlorine . . . . . 2.0% or 200 ppm in 1%  
solution  
Caustic . . . . . Present  
Foaming . . . . . Low  
Rinsing . . . . . Excellent  
Water Hardness Tolerance . .24 Grains Per Gallon at  
0.3%  
16 Grains Per Gallon at 0.2%  
8 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 4 to 12 drops (each drop = .025%) 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 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 10 drops. (10 - 2 = 8 x .025% = 0.2%)

## HANDLING PRECAUTIONS:

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

Highly alkaline powder. 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:

30 - 2 lb. case - 60 lbs. net / 63 lbs. gross  
50 lb. pail- 50 lbs. net / 53 lbs. gross