MDC
METAL SAFE MACHINE DETERGENT

ENVIROCHEM

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GENERAL DESCRIPTION: MDC is a granular, chlorinated, machine warewashing compound that is soft metal safe and designed to handle moderate soil loads in soft to medium-hard water at normal warewashing concentrations. The stable chlorination provided by MDC assures removal and subsequent prevention of stain buildup on china and many types of plastic ware.

MDC is not only packed with strong cleaning and destaining agents, but also the glaze and metal protectants necessary to assure a safe and effective wash.

MDC will deliver sparkling ware with one pass through the dishmachine when used in conjunction with RINSE ALL or HEAVY DUTY RINSE ALL.

MDC solutions are safe to use on china, plastics, glassware, aluminum, pewter, and silver. They will not attack machine parts thereby reducing parts replacement and chance of breakdown. In addition, MDC conditions hard water and prevents formation of scale on machines.

PHYSICAL PROPERTIES:

Chemical Composition . . . Chlorinating agents, destaining agents, alkaline builders, surfactants, glaze and metal protectants, anti-caking and water softening agents.

Appearance . . . . . White powder

Caustic . . . . . .Not Present

Metal Safety . . . . Recommended for use on aluminum and other soft metal ware at normal use concentrations.

Foaming . . . . . Low

Rinsing . . . . . Excellent

Water Hardness Tolerance . . . . . 10 Grains Per Gallon at 0.3%
7 Grains Per Gallon at 0.2%
3 Grains Per Gallon at 0.1%

RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Test Kit. Use range is 0.15% to 0.3%, or 6 to 12 drops (each drop = .025%) using a 10 ml sample and 3 drops of Brom Phenol Blue Indicator Solution. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H_2O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 1 drop, total drop titration equals 11 drops. (11 - 1 = 10 x .025% = 0.25%)

HANDLING PRECAUTIONS:

CAUTION: WARNING
KEEP OUT OF REACH OF CHILDREN.

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:

25 - 2 lb. case - 60 lbs. net / 63 lbs. gross
50 lbs. pail - 50 lbs. net / 53 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.