# POJ SF
# METAL SAFE MACHINE DETERGENT

ENVIROCHEM

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**GENERAL DESCRIPTION:** POJ SF is a granular, non-chlorinated, machine ware washing compound that is soft metal safe and designed to handle moderate soil loads in soft to medium-hard water at normal ware washing concentrations. POJ SF 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. POJ SF will deliver sparkling ware with one pass through the dish machine when used in conjunction with RINSE ALL or HEAVY DUTY RINSE ALL.
POJ SF 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, POJ SF 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
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 Bromo 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:**
2X8 LB CASE
50 lb. 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.