



THE METRO GROUP, INC.

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## PRODUCT DATA SHEET

### METRO DESCALER

#### FOR RECIRCULATING WATER SYSTEMS

#### PRINCIPAL USE:

METRO DESCALER is an inhibited safe powdered dry acid descaler for removal of scale deposits from industrial equipment such as boilers, refrigeration and air conditioning condensers, heat exchangers and other recirculating water systems.

METRO DESCALER is a safe acid that is an ideal substitute for the more hazardous muriatic acid. It is odorless and does not cause noxious and corrosive fumes usually associated with muriatic acid. METRO DESCALER contains inhibitors to prevent corrosive attack of equipment during the cleaning process. Indicator test strips are also furnished to test the strength of the descaling solution.

#### DESCRIPTION:

METRO DESCALER is a powdered sulfamic acid mixture with inhibitors.

Appearance	-	A speckled off-white granular powder
Odor	-	Slight pungent
pH 1% Solution	-	Approx. 2..0
Density	-	60 lbs. per cu. ft.
Solubility in Water	-	1 lb. per gal. @ 70°F.

#### APPLICATION:

METRO DESCALER is used at the rate of 10 to 25 lbs. per 100 gallons of water in the system. Descaling solution should be circulated for 4-8 hours or heated in a boiler up to 140°F for 8-12 hours; thereafter drain and flush system thoroughly. Indicator strips supplied should be used to test the strength of solution. Red indicates a strong solution is present. Yellow indicates the solution is weak and the original dosage should be repeated.

METRO DESCALER should be dissolved in a plastic mixing tank at the rate of 1 lb. per gallon and added directly to the system. Your local Metro Field Engineer will provide specific dosage and application instructions.

#### HANDLING AND PACKAGING:

METRO DESCALER is available in 300 and 100 pound standard polyethylene lined open head fibreboard drums. METRO DESCALER is classified as a corrosive material with DOT shipping name: Sulfamic acid, 8, UN2967 PGIII. Care must be taken in handling. See material safety data sheet for specific handling instructions.

300 lbs.  
100 lbs.