

EFFICIENCY THROUGH CHEMISTRY®

METROPOLITAN REFINING CO., INC.

OFFICES: PLANT AND LABORATORIES

50-23 TWENTY THIRD ST. • LONG ISLAND CITY, N. Y. 11101

METROPOLITAN
EFFICIENCY
PRODUCTS

LIQUID DUBOTH® NB

FOR LOW PRESSURE HEATING BOILERS AND CLOSED RECIRCULATING SYSTEMS

DESCRIPTION:

LIQUID DUBOTH NB is a colorless nitrite based water treatment containing the necessary chemicals to prevent corrosion and deposits, sequester hardness in low pressure steam boilers and closed recirculating water systems. LIQUID DUBOTH NB is also used in systems containing glycol based anti-freeze.

LIQUID DUBOTH NB is formulated to prevent corrosion and pitting by maintaining a monomolecular oxide film on the metallic surfaces in contact with the treated water. Both ferrous and non-ferrous metals are protected. Scale is prevented by sequestering the hardness in the recirculating water.

GENERAL SPECIFICATIONS:

Appearance — Colorless liquid
 Odor — Slight
 Specific Gravity — 1.20-1.25 at 60°F.
 pH 1% Solution — approx. 8.5
 Weight per gallon — 10.0 lbs.
 Solubility in Water — Complete

DOSAGE:

Recommended feed is as follows:

Low Pressure Steam Boilers, Hot Water Heating Systems 250°F Max. and glycol anti-freeze solutions	1 ½ gal. per 100 gals. system capacity	3000-4000 mg/L Metronite
Hot Water Heating Secondary and Chilled Water Systems 140-180°F	3 quarts per 100 gals. system capacity	1500-2000 mg/L Metronite
Below 140°F	100 gals. 1 quart per system capacity	500-700 mg/L Metronite

METHOD OF FEED:

LIQUID DUBOTH NB can be fed through any convenient opening into the system such as top opening, safety valve, return condensate tank, expansion tank or by-pass feeder.

PACKAGING:

Standard steel drums — ¾" and 2" Openings in Head.

550 lbs. (55 gallons) — 250 kg (208 L)
 350 lbs. (35 gallons) — 159 kg (132L)
 50 lbs. (5 gallons) — 23 kg (19 L)

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METROPOLITAN REFINING CO., INC.
THE FOREMOST PRODUCERS OF WATER TREATMENT CHEMICALS

50-23 TWENTY-THIRD ST. · P.O. BOX 1070 · LONG ISLAND CITY, NY 11101 · (212) 729-7200 · CABLE: METFINE, NEW YORK

Met. Ref. Area Code Is Area 710

October 17, 1984

Syracuse City School District
% School Service Center
214 Park Ave.
Syracuse, N. Y. 13204

Att: Mr. Carl Verzillo

Gentlemen:

As you requested we are sending you OSHA Material Safety Data Sheets for the various products you will be sending back to us. These are as follows:

VAPORENE B-3 LIQUID
VAPORENE B-3 DRY
VAPORENE FP
VAPORENE G
VAPORENE L
CORRODINE 710
DUBOTH 150

Yours very truly,

METROPOLITAN REFINING CO., INC.


J. A. HOFFMAN
ASSOC. CHIEF CHEMIST

JAH:MF
Encl.
cc:M. Cambridge