

717: NEUTRALIZING AMINE FOR CONDENSATE RETURN LINES

DESCRIPTION: 717 is a highly concentrated blend of steam volatile alkaline amines. 717 has a balanced amine buffer which controls the pH of the condensate throughout the return system. This means that protection is provided wherever needed, in both high and low steam pressure areas. Carbon dioxide, formed by the decomposition of carbonates ever present in most boiler feed waters, reacts with the water in the condensate to form a weak acid (Carbonic acid). Continuous contact with carbonic acid causes uniform thinning of the metal in contact with it below the water line, as well as, grooving, or channeling of the return line pipe. 717 stops this form of corrosion by rendering the carbonic acid into a harmless amine salt.

PRODUCT PROPERTIES:

Appearance: Clear amber liquid, slight ammonical odor

Specific Gravity: 0.98

Solubility: Complete

Flash Point: >100°F.

pH(1%): >9.0

Phosphate Content: None.

USE INFORMATION:

Concentration: Add 717 to maintain a pH of 7.4 to 8.6 in the condensate return. Periodically, a specific conductance test should be run to make sure that the pH of 7.4-8.6 is the result of amines and not from boiler treatment carry-over. 717 is compatible with most boiler treatments and may be mixed in the same container with them for convenience of addition.

PRECAUTIONS: May cause irritation to the eyes upon contact. ****AVOID CONTACT****
Prolonged contact may cause skin irritation. When handling, wear proper personal protective equipment as indicated by the accompanying OSHA material safety data sheet. If accidental contact is made immediately flush contacted area repeatedly with cool water. If irritation persists call a physician for treatment. If accidental eye contact occurs flush eyes with cool water and seek the immediate attention of a physician. Launder contaminated clothing before re-use. Wash thoroughly after handling. **FOR INDUSTRIAL & COMMERCIAL USE ONLY!**

PACKAGE: 55, 30, 15, 5, 4x1gal.

Issue date : 1/17/12