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TECHNICAL DATA SHEET

ADENA 5152

Product #AD5152

Cooling Tower Corrosion & Scale Inhibitor

Description

ADENA 5152 is a concentrated liquid scale and corrosion inhibitor. It is designed for use in a wide range of open recirculating cooling water systems where clean, scale and deposit-free surfaces are required for maximum system life and efficiency. ADENA 5152 accomplishes this with one easy to use product.

Advantages

ADENA 5152 is a cooling water treatment that contains no chromate, zinc, or other heavy metals. ADENA 5152 is very effective in high hardness, high alkalinity scaling waters. It contains a unique blend of polymeric and organic sequestrants, penetrants, and dispersants to minimize system fouling from contaminants such as calcium, silica, iron, sludge, and organics. It also contains special filming ingredients to establish a protective barrier against corrosion on yellow metals and ferrous metal surfaces.

Dosage

ADENA 5152 should be injected into the system by means of a chemical metering pump (slug additions may also be made when necessary). It is pumped directly from the shipping container or may be diluted in a chemical mix tank prior to injection. ADENA 5152 should be initially slug dosed to the system at the rate of 1000 ppm (128 fluid ounces per 1000 gallons) to the tower water. Subsequent feed rates should maintain 1000-1500 ppm of ADENA 5152 on a continuous basis, based on the tower bleed rate. Monitor dosage by low-range molybdenum (Mo^{+6}) test in the range of 2-3 ppm.

Caution

This product contains sodium hydroxide and is corrosive to the skin and eyes. If eye contact occurs, flush with water for 15 minutes. Get prompt medical attention if irritation persists. If skin contact occurs, remove contaminated clothing. Flush with warm water. If irritation persists, consult a physician. Do not ingest. If this should occur, drink large volumes of water and seek medical attention. Do not induce vomiting unless directed to do so by a physician. Keep container sealed when not in use to prevent contamination. Avoid contact with the skin and eyes. Wear appropriate protective equipment when handling this product. Apply this product only as specified on the label. **KEEP OUT OF REACH OF CHILDREN.**

Container Disposal: Triple rinse container and offer for recycling or disposal according to local regulations.

HMIS Rating: Health = 2, Flammability = 0, Reactivity = 0, PPE = C

A Division of:



WATER TREATMENT SERVICE