

# PRODUCT DATA

## CSM

### CLOSED SYSTEM WATER TREATMENT

Multi-function liquid

**protects steel and copper**

Corrosion control

**extends equipment life**

Scale and deposit control

**enhances heat transfer**

**Compatible with glycol anti-freeze**

### PRINCIPAL USES

CSM is a molybdate-based, non-polluting product, specifically formulated to provide comprehensive corrosion and deposit control in closed recirculating cooling and hot water heating systems.

CSM contains corrosion inhibitors which protect ferrous and non-ferrous metals. Sequestering agents and dispersants are also included to prevent the disposition of iron and other metal oxides and hardness salts, such as calcium carbonate, thereby providing clean heat transfer surfaces and improved operating efficiencies.

CSM will not promote microbiological contamination within the circulating water system. Moreover, the product is thermally-stable, non-staining, not abrasive to pump seals, and can be used in systems containing anti-freeze.

### DESCRIPTION

CSM is a blend of molybdate-based corrosion inhibitors plus a special copper corrosion inhibitor to provide synergistic protection in an easy-to-handle liquid form.

Appearance:	Clear, pale yellow liquid
Specific Gravity:	1.2 @ 25°C
pH:	Greater than 8.5
Freeze Point:	Approximately 32°F
Flash Point:	None
Weight Per Gallon:	Approximately 9#

### DOSAGE

1.33 gallons of CSM will provide approximately 100 PPM of molybdate in 1000 gallons of water. Desired concentration in water under 120°F is 50 to 100 PPM molybdate; over 120°F is 100 to 150 PPM molybdate.