



Technical Data Sheet

Product Code: A810SXX Revised Date: 5/01/2025

C&H 810S

Product Description

C&H 810S is a multi-metal safe corrosion inhibitor for use in diesel engine cooling systems to protect from premature failure due to corrosion. C&H 810S is packaged as a stick capable of being easily and safely added directly into filler necks of cooling water systems. C&H 810S dissolves quickly in warm water and will not freeze in cold weather months. One box is sufficient to treat any common locomotive cooling system (275-350 gallons).

Performance Features

- Inhibits corrosion of all metals including: 30/70A Solder, Brass, Copper, Steel, Cast Iron, Cast Aluminum and 85/15 Brass (EMD), at levels of 1 stick per 10 gallons. Proprietary blends of nitrite and other organic and inorganic inhibitors protect all the metals found in locomotive cooling systems. Controls scale and deposits.
- Conforms to the ASTM D1384 Specification, the GETS 84A231282 Specification dated 04-19 2012, Rev. O (Locomotive Coolant) and the EMD MI 1748 Section 6.1.1 dated 05-15-2009, Rev. G (Locomotive Coolant) Specification, for Corrosion Resistance.
- Conforms to the ASTM D1418 Specification, the GETS 84A231282 Table 4, O-rings Specification and EMD MI 1748 Section 6.1.2.2, Seals Specification, for Elastomer Chemical Resistance testing.
- Does Not Contain Chromate Or Zinc Metal Compounds
- Used Solutions of 810S Are Normally Regarded As Non-Regulated And Biodegradable Upon Disposal
- Contains Boron As A Tracer Element To Simplify Detection Of Coolant Contamination in Engine Oil
- Can Be Used With Ethylene Glycol Based Antifreezes
- Box Contains 30 Sticks with Disposable Plastic Glove

Physical Specifications

Physical State	Stick (1" x 7")
Appearance	Red & White Mottled
Rinseability	Excellent
pH (2% Solution)	< 10.5
Nitrite PPM Range per Box	1300 - 1500 PPM

Equipment Requirements

C&H 810S is safe for use with all diesel engine cooling systems. Do NOT use this in gasoline engines.

Product Make-Up

C&H 810S is packaged ready-to-use.

Concentration and Application Methods

Diesel Engine Cooling System Corrosion Inhibition

Add C&H 810S directly to the cooling system at a ratio of 1 stick per 10 gallons of cooling system water. 810S can be used in both open and closed recirculating systems. In closed cooling water systems, product life is normally indefinite. Testing 810S Concentration Levels The concentration of 810S can be tested by Seacole's Nitrite Test Kit or by electronic conductivity meters. Nitrite test readings should be in the range of 1300-1500 ppm. Nitrite. Conductivity test readings should be in the range of 4300 - 7000 micromohs.

Safety and Handling

Read and understand this product SDS before handling.



+1 (763) 582-1140 | +1 (800) 966-2909 | 13505 Industrial Park Blvd. Plymouth, MN 55441 | seacole.com





Technical Data Sheet

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

C&H 810S is packaged in a box containing 30 sticks



+1 (763) 582-1140 | +1 (800) 966-2909 | 13505 Industrial Park Blvd. Plymouth, MN 55441 | seacole.com

