



Blue Reef Water Solutions (Pty) Ltd Reg No 2013/149985/07; Tel. +27 31 910 7500 ;
PO Box 32079, Mobeeni, 4060, KwaZulu-Natal, South Africa

PRODUCT & TECHNICAL DATA

CT9-S100-P

TYPE – ALL-IN-ONE COOLING WATER CORROSION INHIBITOR; ANTI-SCALENT; BIOCIDES; DISPERSANT & BIO-DISPERSANT

CT9-S100-P is a specialized mildly acidic reacted polymer containing corrosion inhibitors, polymeric anti-scalents, dispersants, biocides and surface active agents. It is specifically designed for water with a Ryznar Index in the corrosive range for reducing corrosion whilst simultaneously preventing the build-up of suspended solids and dispersion of organic and metallic contaminants. This product also inhibits the proliferation of micro-organisms in process cooling systems, process pipework and vessels.

TYPICAL PROPERTIES (As Reconstituted Powder to Liquid – 20% m/m + 15% hydrochloric acid conc. 30-33%) –

Mix Method Below :

80L Soft or Demineralised Water (Municipal Water with TDS<300mg/l can be used) :

20kg CT9-S100-P powder → Mix until homogeneous

Add 15kg hydrochloric acid and mix

Revision 2

CT9-L50PSeptember 2021



The data contained herein is believed to be accurate and reliable. However, neither the abovenamed supplier nor any of its subsidiaries assume any legal liability whatsoever for the accuracy or completeness of information contained herein. Users should undertake sufficient verification and testing to determine the suitability for their own purposes of any product or information contained herein. Recommendations are given in good faith but without warranty and subject to the exclusion of any liability.

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|----------------------------|---|--------------------------------|
| Appearance (as powder) | : | Off-White to Pale Blue Powder |
| Appearance (as liquid mix) | : | Clear/Opaque Blue-Green Liquid |
| Solubility in Water | : | Complete |
| pH at 25°C | : | 1.0 – 2.5 |
| Specific Gravity at 25°C | : | 1.12 -1.19 |



APPLICATION

CT9-S100-P after reconstituted to a liquid should be controlled at 75-100mg/l expressed as the liquid - in the system water and dosed at ***product concentration required/effective cycles of concentration (B/C)***. A soluble zinc residual of 1 to 2 mg/l should be maintained at all times. A method for testing residual polyphosphate may be employed and the active polymer residual can also be determined if necessary.

STORAGE AND HANDLING

CT9-S100-P can be stored for up to 24 months from the date of manufacture, in its original, sealed packaging, at room temperature in a dry area. Bags must be kept undercover and out of direct sunlight. The reconstituted powder to liquid product can be safely stored in plastic type holding tanks designed to manage the specific gravity listed. **CT9-S100-P** must be protected from freezing. Protective clothing such as gloves and goggles should be worn when handling **CT9-S100-P**.

HEALTH AND SAFETY

CT9-S100-P is of low pH but any residual monomers present have low toxicity. The product is very acidic and eye contact or prolonged skin contact will cause irritation and or burns. Should contact occur, hands should be washed with soap and water. In case of eye contact ensure eyes well irrigated for fifteen minutes and obtain immediate medical attention . Obtain immediate medical attention if ingested. Spillages must be contained to allow for safe disposal. Avoid direct flushing to storm water drain. Please refer to product SAFETY DATA.