JAYCO CHEMICAL SOLUTIONS
Precision — Knowledge — Service

JC 1050C
CORROSION INHIBITOR

Industrial Cleaning

- Low foaming water soluble corrosion inhibitor with excellent humidity protection
- Designed for use on steel and iron for in-process corrosion protection
- Readily biodegradable
- Dries down to a non-tacky residue
- Borate free

NORMAL PROCESS

Process:	Immersion and Spray Systems
Concentration:	1-20% (normal range 3-5%)
Temperature:	Ambient-160°F
Rinse:	No
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, amber liquid
PH Range:	10.3-10.8
Specific Gravity:	1.02-1.03 g/mL at 25°C (77°F)
Water Soluble:	Soluble

PRODUCT APPLICATION

immersion, spray systems

SURFACE COMPATIBILITY

steel, stainless steel

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NORMAL CONTROL

Dropping Bottle Method (Jayco Chemical Solutions part number: Alkalinity P/T Test Kit JYT003)

1. Take a sample of the JC 1050C solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 10 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total alkalinity indicator
4. Add dropwise 1.0 N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from green to red/orange
6. Calculation :

   Concentration of JC 1050C (%) = Drops of 1.0 N H_2SO_4 x 0.300

Conductivity

Below are readings taken with DI water. Jayco Chemical Solutions suggests making up known concentrations in customer's operating range and water for more accurate readings

%	conductivity (uS/cm)
3	658 uS/cm
5	949 uS/cm
10	1830 uS/cm

HANDLING AND SAFETY CONSIDERATIONS

Consult product safety data sheet for handling considerations, hazard information, and first aid procedures.

OTHER INFORMATION

No warranty, expressed or implied of merchantability fitness for a particular purpose or otherwise, is made. Buyer assumes all risk of use, storage and handling. JAYCO Chemical Solutions shall not be made liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, storage, handling or disposal of this product.