

JC 600

PROCESS DETERGENT

Industrial Cleaning



- Mild alkaline detergent
- Built in corrosion inhibitors for short term rust protection
- Excellent rinsability
- Readily biodegradable
- Useful over a wide range of applications and operating conditions

NORMAL PROCESS

Process:	Ultrasonic and Immersion Systems
Concentration:	3-20% (normal range 5-10%)
Temperature:	120°F-160°F/50°C-70°C
Rinse:	Yes
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, amber colored liquid
PH Range:	9.0-9.5
Specific Gravity:	1.04-1.05 g/mL at 25°C (77°F)
Water Soluble:	Soluble

PRODUCT APPLICATION

ultrasonics and immersion

REMOVES THESE CONTAMINANTS

metalworking fluids and particulates

SURFACE COMPATIBILITY

steel, stainless steel, copper and brass, most aluminum alloys

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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 600 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 :

$$\text{Concentration of JC 600 (\%)} = \text{Drops of 1.0 N H}_2\text{SO}_4 \times 0.341$$

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	404 uS/cm
5	642 uS/cm
10	1184 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.