

# JC 601C

## PROCESS DETERGENT

### Industrial Cleaning



- Low foam 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

<b>Process:</b>	Spray Wash Systems
<b>Concentration:</b>	3-10% (normal range 3-5%)
<b>Temperature:</b>	140°F-160°F/60°C-70°C
<b>Rinse:</b>	Yes
<b>Dry:</b>	Air

#### PRODUCT PROPERTIES

<b>Appearance:</b>	Clear, amber colored liquid
<b>PH Range:</b>	9.0-9.3
<b>Specific Gravity:</b>	1.04-1.05 g/mL at 25°C (77°F)
<b>Water Soluble:</b>	Soluble

#### PRODUCT APPLICATION

spray wash

#### REMOVES THESE CONTAMINANTS

metalworking fluids and particulates

#### SURFACE COMPATIBILITY

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

# JC 601C

## PROCESS DETERGENT

### Industrial Cleaning

#### NORMAL CONTROL

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

1. Take a sample of the JC 601C 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 601C (%) = Drops of 1.0 N H<sub>2</sub>SO<sub>4</sub> x 0.375

#### 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	833 uS/cm
5	1333 uS/cm
7	1801 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.*