

# JC 201C

## PROCESS DETERGENT

### Industrial Cleaning



- Neutral pH process detergent using new generation surface-active technologies
- Excellent rinsability
- Readily biodegradable
- Safe on ferrous, non-ferrous metals and non-metallic surfaces including plastics that are resistant to stress cracking

#### NORMAL PROCESS

<b>Process:</b>	Spray Wash Systems
<b>Concentration:</b>	1-10% (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, straw colored liquid
<b>PH Range:</b>	7.5-8.5
<b>Specific Gravity:</b>	1.06-1.07 g/mL at 25°C (77°F)
<b>Water Soluble:</b>	Soluble

#### PRODUCT APPLICATION

spray wash

#### REMOVES THESE CONTAMINANTS

coolants, light machining oils and particulates

#### SURFACE COMPATIBILITY

brass, copper, aluminum, and steel, stainless steel, non-metallic surfaces

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#### NORMAL CONTROL

**Dropping Bottle Method** (Jayco Chemical Solutions part number: Alkalinity P/T Test Kit JYT001)

1. Take a sample of the JC 201C 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 0.25N 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 :

$$\text{Concentration of JC 201C (\%)} = \text{Drops of 0.25 N H}_2\text{SO}_4 \times 0.732$$

#### 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
1	740 uS/cm
2	1440 uS/cm
3	2.15 mS/cm
5	3.40 mS/cm
7	4.55 mS/cm
10	6.23 mS/cm

#### HANDLING AND SAFETY CONSIDERATIONS

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

#### OTHER INFORMATION

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