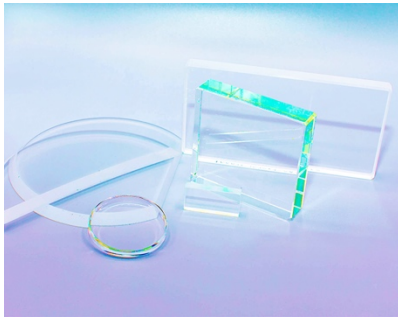


# JC OPTIC 700

## ALKALINE DETERGENT

### Optics



- High performance high alkaline detergent for use before coating of inorganic optics
- Effective in removal of fats/greases and oils, polishing & grinding residues including cerium oxide and aluminum oxide compounds on alkali-proof inorganic glasses
- Free rinsing
- Biodegradable

#### NORMAL PROCESS

<b>Process:</b>	Ultrasonic and Immersion
<b>Concentration:</b>	1-10% (normal range 2-3%)
<b>Temperature:</b>	120°F-170°F/50°C-70°C
<b>Rinse:</b>	Yes
<b>Dry:</b>	Air

#### PRODUCT PROPERTIES

<b>Appearance:</b>	Clear, straw colored liquid
<b>PH Range:</b>	> 13
<b>Specific Gravity:</b>	1.15-1.16 g/mL at 25°C (77°F)
<b>Water Soluble:</b>	Soluble

#### PRODUCT APPLICATION

ultrasonic, immersion

#### REMOVES THESE CONTAMINANTS

fats/greases, oils, polishing & grinding residues including cerium oxide and Saluminum oxide compounds

#### SURFACE COMPATIBILITY

metallic surfaces, alkali-proof glass, quartz, porcelain, and ceramics

# JC Optic 700

ALKALINE DETERGENT

## Optics

### NORMAL CONTROL

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

1. Take a sample of the JC Optic 700 solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 5 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total phenolphthalein 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 pink to colorless
6. Calculation :  
Concentration of JC Optic 700 (%) = Drops of 1.0 N H<sub>2</sub>SO<sub>4</sub> x 0.294

### 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 (mS/cm)
3	18.62 mS/cm
5	32.5 mS/cm
10	62.7 mS/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.*