

JEWELLERY CLEANING SOLUTION

APPLICATIONS AND USE

Jewelry Cleaner (JC) is a specialized biodegradable, phosphate-free alkaline cleaner for cleaning jewelry and precious metals.

A unique blend of nonionic surfactants, detergent bases, and wetting agents provides a safer cleaning medium for valuable jewelry.

JC solution removes the general soils, particulates, fingerprints, oils, and oxides that accumulate with normal use. Gemstones and precious metals alike are quickly and safely restored to their original brilliance with this free-rinsing solution, and the luster of rings and watchbands is renewed. Jewelry Cleaner is safe for use with virtually all metals and alloys. Spent solution should be neutralized and disposed of in accordance with local, state, and federal regulations.

APPLICATION PROCEDURES

JC is easily mixed with water in a concentration of 10-12% by volume and can be used in commercial cleaning tanks at temperatures of up to 140°F (60°C). Optimum cleaning performance will be realized at higher solution temperatures.

It is imperative that the solution be allowed to "degas" at operating temperature for a minimum of 10 minutes prior to placing the parts into the cleaning solution. It is best if ultrasonic energy is applied during this time to enhance degassing. Thorough rinsing is suggested for removal of cleaning solution. As with any process involving water, drying should be considered as the final step.

CHEMICAL CHARACTERISTICS

Chemical Composition:

Blend of liquid nonionic alkaline surfactants, detergents, and wetting agents.

Flash Point: None

Recommended Diluent: Water

Biodegradable: Yes

Phosphate Free: Yes

Normal Concentration: 10-12% by volume

Normal Temperature: 70-140°F (22-60°C)

pH at Use Temperature: 12.1

Rinsability: Good

See the MSDS for further information

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