

Jewelry Cleaner Concentrated Cleaning Formula

APPLICATIONS AND USE

Branson Jewelry Cleaner 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.

Branson Jewelry Cleaner 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.

Branson 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

Branson Jewelry Cleaner 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.

Chemistry

CHEMICAL CHARACTERISTICS

Chemical Composition:	Blend of liquid, non-ionic alkaline surfactants, detergents, and wetting agents
Flash Point:	None
Recommended Diluent:	Water
Biodegradable:	Yes
Phosphate Free:	Yes
Normal Use Concentration:	10 -12% by volume
Normal Use Temperature:	70-140°F (22-60° C)
pH at Use Rinse Temperature:	12.1
Rinsability:	Good

Effect of Working Solution on Metals

Stainless Steel:	None
Steel:	None
Copper:	None
Brass:	None
Aluminum:	None
Magnesium:	None
Zinc:	None
Tin	None

PRECAUTIONARY CONSIDERATIONS

- BRANSON JEWELRY CLEANER SOLUTION CONTAINS ALKALINE DETERGENTS, AND DIRECT CONTACT MAY RESULT IN BURNS OF EYES OR SKIN IRRITATION.
- AVOID PROLONGED SKIN CONTACT.
- WASH THOROUGHLY AFTER HANDLING.
- DO NOT TAKE INTERNALLY.
- IF DIRECT CONTACT OCCURS, FLUSH, REPEATEDLY WITH COOL, CLEAR WATER.
- KEEP OUT OF REACH OF CHILDREN.

DISPOSAL

Neutralize Branson Jewelry Cleaner solution, dilute and dispose in accordance with all local, state, and federal regulations.

BRANSON

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INFORMATION: For additional information concerning Branson Jewelry Cleaner or other Branson concentrated cleaning solutions, contact your local Branson sales office or BRANSONIC® dealer.

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Revised and printed in the U.S.A. 12/2011