

Bransonic® Concentrated Cleaning Formulas

BC- BUFFING COMPOUND

Branson BC Buffing Compound Concentrate is a biodegradable, phosphate and caustic free cleaner developed for removing buffing compound.

A blend of non-ionic surfactants, detergents, and emulsifiers, Branson BC has been formulated to remove the most difficult buffing compounds and carriers. The non-viscous liquid rapidly removes tripoli, rouge, lime, diamond tripoli, etc. from buffed components and it rinses freely and quickly.

EC - ELECTRONICS CLEANER

Branson EC Electronic Cleaner Concentrate is a biodegradable, phosphate and caustic free alkaline cleaner formulated for heavy-duty industrial use.

EC Concentrate solution is formulated to remove oils, resins, rosins, and other typical soils from hard surfaces normally encountered in the electronic, plating and other related industries.

Applications include: cleaning of infra red detectors, electrical contacts and leads, ceramic insulators, and other electronic components during manufacturing or assembly. Whether cleaning through-hole or surface mount boards, Branson EC does the job effectively and economically.

GP- GENERAL PURPOSE

Branson GP General Purpose Concentrate is a biodegradable caustic-free alkaline cleaner formulated for general purpose cleaning and maintenance cleaning where soil levels are relatively light.



GP concentrate solution is ideal for removing a wide range of soils like fingerprints, dust, packaging particulates, and light oils and greases from metal working and light machining operations. Applications include: metal stampings and machined components, glassware, rigid injection molded parts, and other components with light-to-intermediate soil levels.

IS - INDUSTRIAL STRENGTH

Branson IS Industrial Strength Concentrate is a biodegradable, phosphate-and caustic-free alkaline cleaner formulated for heavy-duty industrial use.

Branson IS solution readily removes heavier greases, oils, and particulates, as well as drawing lubricants and light carbon deposits.

Applications include: removal of heavier soils from automotive, aircraft, and similar mechanical components, and cleaning prior to secondary finishing operations (including painting, plating and electrostatic coatings).

JC- JEWELRY CLEANER

Branson Jewelry Cleaner Concentrate is a specialized biodegradable, phosphate-free alkaline cleaner for cleaning jewelry and precious metals.

Jewelry Cleaner solution removes the general soils, particulate, soaps, hand creams, and oxides that can accumulate with normal use.

Typical applications include: precious metals, gemstones and certain costume jewelry (both during manufacturing and for restoring their original brilliance after wear). With this free-rinsing solution, the luster of rings, watchbands and similar pieces is assured.

LRS - LIQUID RUST STRIPPER

Branson LRS Liquid Rust Stripper Concentrate is a double-chealated, highly caustic, non-foaming cleaner and degreaser.

Branson Liquid Rust Stripper is used for de-rusting and de-scaling of ferrous metals. It is also used for paint stripping and general heavy degreasing. It is not appropriate for cleaning reactive metals like aluminum or zinc.

Applications for this aggressive cleaner include: injection mold cleaning, removal of non-pitted rust deposits from ferrous metal, removal of carbonaceous soils from internal combustion engine parts, and the cleaning of food processing equipment.

OC - OPTICAL CLEANER

Branson OC Optical Cleaner Concentrate is an alkaline, non-foaming, liquid detergent formulated for the optical glass and lens manufacturing industry. It is designed to be particularly free-rinsing, minimizing residual haze.

It removes general soils, fingerprints, cerium oxide, pitch, and some blocking waxes from optical lenses. It is very effective in removing polishing compounds from glass and optical surfaces prior to deposition of coatings. Applications include cleaning of ophthalmics and other lenses during manufacture, laser components, and quartz crystals following lapping.

OR - OXIDE REMOVER

Branson OR Oxide Remover Concentrate is a blend of non-ionic detergents in an acidic base. It is phosphate-free and biodegradable.

Branson OR rapidly remove rust and other oxides from metals. Caution should be used with this acidic material.

Typical applications include: oxide removal following soldering, brazing, welding, and similar operations.

MC-1 METAL CLEANER

Branson MC-1 Metal Cleaner Concentrate is a biodegradable, phosphate and caustic-free alkaline cleaner formulated for heavy-duty industrial use. It displaces soils by carrying them to the surface for easy removal manually or with a skimmer.

MC-1 concentrate solution removes fabricating, cutting, and polishing oils, greases, and a wide variety of soils from aluminum, aluminum alloys, copper, brass, and steel substrates.

MC-2 METAL CLEANER

Branson MC-2 Metal Cleaner Concentrate is a biodegradable, phosphate and caustic-free alkaline cleaner formulated for general purpose and normal maintenance cleaning applications. MC-2 Concentrate solution is an emulsifying cleaner, holding soils in solution and preventing them from re-depositing on cleaned parts.

MC-2 Concentrate solution removes oils, greases and a wide variety of solids from ferrous metals, stainless steel, titanium alloys, copper and copper alloys. It is not recommended for aluminum or aluminum alloys.

MC-3 METAL CLEANER

Branson MC-3 Metal Cleaner Concentrate is a biodegradable, phosphate and caustic free alkaline cleaner formulated for heavy-duty industrial use. MC-3 Concentrate solution is an emulsifying cleaner holding soils in solution and preventing them from re-depositing on cleaned parts.

MC-3 concentrate solution removes oils, greases and a wide variety of soils and should be used when an emulsifier is required to clean aluminum and aluminum alloys.



Chemistry

AMOUNTS & EFFECTS OF SOLUTIONS

Solution amount may vary. The amount used depends on the detergent and the type of soil to be removed. Follow the instructions on the solutions container. The table below lists the effects of the solutions on various metals.

	Steel	Brass	Aluminum	Magnesium	Zinc	Stainless Steel	Copper	Tin
BC	None	Slight Stain	None	None	Attacks	None	None	None
EC	None	None	Slight Etch	None	None	None	None	None
GP	None	None	Slight Etch*	None	None	None	None	None
IS	None	None	Slight Etch	None	None	None	None	None
JC	None	None	None	None	None	None	None	None
OC	None	None	None	None***	None***	None	None	None
OR	None	None	Slight Attack	Attacks	Attacks	None	None	None***
MC-1	None	None	None	None	None	None	None	None
MC-2	None	None	Slight Etch	None	None	None	None	None
MC-3	None	None	None	None	None	None	None	None
LRS	None	None	Attacks**	Attacks**	Attacks	None	None	Slight Attack

*Slight etch on some aluminum alloys

**WARNING: FREE HYDROGEN MAY BE RELEASED IF SOLUTION COMES IN CONTACT WITH REACTIVE METALS.

*** No effect if solution temperature is less than 140° F

BRANSON

Branson Ultrasonics Corporation
41 Eagle Road, Danbury, CT 06813-1961
(203) 796-0400 • Fax: (203) 796-9838
www.bransonultrasonics.com
e-mail: info@bransonultrasonics.com