



Metal Finishing Systems

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SAFE SCRUB® M Multi-Metal Cleaner

Operating Instructions

PRODUCT DESCRIPTION

SAFE SCRUB® M Multi-Metal Cleaner is a biodegradable soak tank degreaser used to remove oils, coolants and other soils from any metal surface. Supplied as a liquid concentrate, SAFE SCRUB M mixes easily with water, rinses freely and contains no caustic soda. Consequently, the product works effectively on all ferrous metals, aluminum, brass and zinc.

SAFE SCRUB M liquid cleaner has high oil-holding capacity and can be safely and effectively used in any metal finishing process, such as blackening, phosphatizing or electroplating, without bothersome dusting problems or undissolved powder at the bottom of the tank.

OPERATING CONDITIONS

Bath Make-up	For light soils: 10% by volume For heavier soils: 20% by volume
Operating Temperature/Time	120-160°F for 5-8 minutes.
Equipment construction	Tank: Mild steel, stainless steel or plastic Heater: 304 stainless steel.
Ventilation	Desirable. Some water vapor is generated
Agitation	Desirable for densely loaded racks

BATH MAINTENANCE

As the SAFE SCRUB M absorbs soils from processed parts, its cleaning efficiency will gradually diminish and fresh concentrate should be added to keep the bath up to strength, as follows:

When an oil slick develops on the liquid surface, Or, if the parts are not be water-break free when rinsed, it is time to add SAFE SCRUB M liquid concentrate. Add an amount equal to about one fourth of your original make-up.

For example, in a 100 gallon tank operating at 20% by volume, your original make-up would call for 20 gallons of SAFE SCRUB concentrate. Replenishing the tank would call for one fourth of that amount, or about five gallons. This addition should eliminate the oil slick and restore normal operation.

When the total replenishment equals the same volume of concentrate used for original bath makeup, it is time to dump the tank and mix a fresh working solution for optimum efficiency.

PACKAGING AND STORAGE

Supplied in 5 and 55 gallon plastic, non-returnable containers. Store in closed containers.

Before Using This Product – Please Read, Understand and Follow all the Precautions shown on the Product Label and on the Material Safety Data Sheet.

The Material Safety Data Sheet can be found on our website: www.birchwoodcasey.com

Apply Appropriate Labels to any Container used to Store or Apply this Product.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Birchwood Laboratories, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Birchwood Laboratories, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

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