



Master STAGES™ RINSE 100

Mild Alkaline Detergent

GENERAL DESCRIPTION

Master STAGES™ RINSE 100 is a washing compound concentrate that does a great job of removing metalworking fluids and light oily films. This product will not stain ferrous or nonferrous materials and leaves an extremely thin film corrosion inhibitor, which does not interfere with gauging of parts. RINSE 100 is compatible with the TRIM® family of cutting and grinding fluid concentrates.

ADVANTAGES

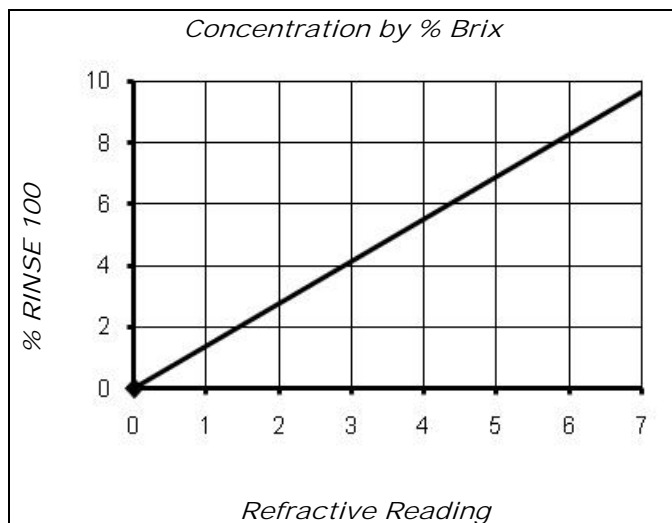
- Compatible with all aluminum, magnesium, copper alloys, steel, and cast iron
- An effective machine cleaner and also a great product for general cleaning of loose tools and parts
- An excellent product for use in ultrasonic cleaner systems, as well as immersion washers
- Provides up to one week or more of in-process corrosion inhibition on ferrous parts

APPLICATION GUIDELINES

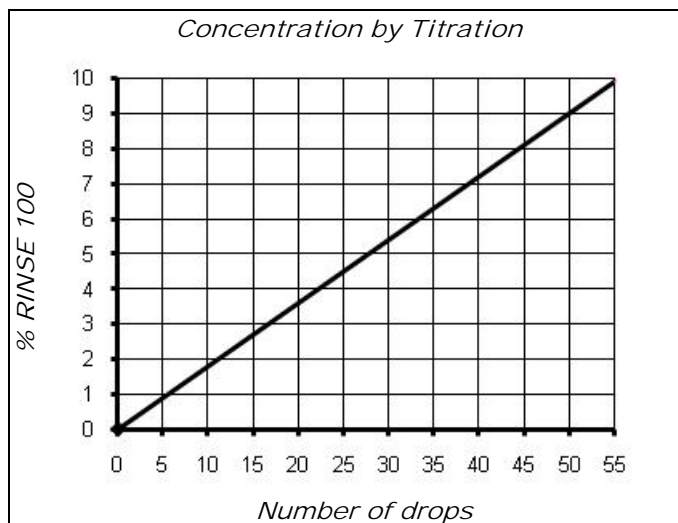
- RINSE 100 is very good for immersion washing at concentrations of 3%-10%, and temperatures from 50°F-135°F. This product may be heated to near boiling, but some loss of rust inhibiting properties will result over time if you do so.
- Excellent results can be obtained by hand washing machine or hand tools at concentrations of 10%.
- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our web site at www.masterchemical.com.

PHYSICAL PROPERTIES (TYPICAL DATA)

Color (concentrate)	Light yellow	Flash Point (concentrate).....	Nonflammable (COC)
Color (working solution)	Light yellow	pH (Typical Operating as a range).....	9.0-9.6
Odor	Mild pine	Conductivity Factor	None
Form.....	Liquid	Titration Factor (CL-1 Titration Kit)	0.18



% Concentration = Refractive Reading x Refractive Factor
Coolant Refractometer factor % Brix = 1.4



% Concentration = No. of drops x Titration Factor
Titration Factor = 0.18 one vial

CHECKING CONCENTRATION

RINSE 100 concentration may be checked by titration for working solutions. Only fresh charges may be checked by refractometer.

TITRATION

Use Master STAGES Titration Kit CL 1, Indicator B, and one vial of working solution.

Drops of Acid	5	17	28	40	55
% Rinse 100	1%	3%	5%	7%	10%

Titration Formula: Drops of Acid x 0.18 = % Concentration of RINSE 100

MIXING INSTRUCTIONS

The recommended use concentration of RINSE 100 ranges from 3%-10% in water. No special mixing procedures are required. Add the required amount of RINSE 100 concentrate to the required amount of water and stir until uniformly mixed.

HEALTH & SAFETY

See the most recent SDS at 2trim.us/s/?i=1128-en-US-US.



NOTES

- Packaging: North America – 1-gallon jug, 5-gallon pail, 54-gallon drum, 270-gallon tote bin
- Packaging: Europe/Asia - 20-litre pail, and 204-litre drum.

The information herein is given in good faith and believed current as of the date of this Data & Information sheet and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation, or warranty expressed or implied is made. Consult Master Chemical Corporation for further information. For the most recent version of this document, please go to this URL: 2trim.us/di/?i=53.

Master STAGES™ is a trademark of Master Chemical Corporation

© 2007-2015 Master Chemical Corporation • Revised October 29, 2015