Master STAGES™ CLEAN 2118

Low-foam Spray Washing Compound

Master STAGES™ CLEAN 2118 is a high-performance, low-foam spray washing compound for use in very high-pressure spray washers, de-burring, and water jet cutting. Advanced surfactant technology provides excellent foam control, tramp oil rejection, and soil removal while leaving a short-term, anticorrosive film on cast iron or steel parts and washer surfaces.

Cleaners+RP



Master STAGES™ CLEAN family of advanced-technology products offer highly effective cleaning and with the same in-process "one-step" method, leave behind an effective, short-term, anticorrosive film.

Designed for specific metals, desired length of corrosion inhibition, and applications ranging from spray, immersion, ultrasonic parts, and dip tank cleaning, Master STAGES cleaners+RP inhibitors are all highly concentrated and economical, most with low foam and very low V.O.C. content.

Choose CLEAN 2118:

- Does not foam even when contaminated with large quantities of soils or coolant. This makes CLEAN 2118 an excellent choice where rapid buildup of coolant carryover creates a foam problem
- Provides excellent short-term corrosion inhibition on most common ferrous alloys
- Extremely low carryoff keeps operating costs down
- Low foam and mist
- Very low initial odor level
- Exceptional sump life and great tramp oil rejection

CLEAN 2118 especially for:

Applications — corrosion inhibition, de-burring, high-pressure spray washing, parts washing, VHP spray (very high pressure), vibratory, and water-jet cutting

Soils — coolant residues

Materials — cast iron, composites, magnesium, plastics, steels, and zinc

Industries — agriculture, automotive, bearing, general industry, and machine tool

CLEAN 2118 is free of — EDTA and silicates

Master Fluid SOLUTIONS®

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Application Guidelines

- In very high-pressure spray washers (over 1,000 PSI, 6894 kPa), de-burrers, or water jet cutters, typical concentrations are 3% - 5%, and operating temperatures are ambient up to 140°F (60°C).
- Foam may increase if the temperature is below 80°F (27°C) at the point of agitation.
- For best corrosion resistance on ferrous parts, concentration should be kept between 5.0% - 10.0%.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/na/en-us/distributors/index.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

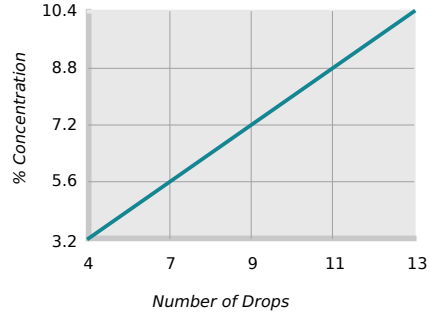
Physical Properties Typical Data

Color (Concentrate)	Clear to light yellow
Odor (Concentrate)	Mild amine
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 199°F
pH (Concentrate as Range)	10.2 - 10.6
pH (Typical Operating as Range)	9.0 - 9.8
Coolant Refractometer Factor	3.4
V.O.C. Content (EPA Method 24)	0 lbs/gal
Titration Factor (CL-1 Titration Kit)	0.80
Number of Cleaner Vials (CL-1 Titration Kit)	1
Cleaner Indicator A or B (CL-1 Titration Kit)	B

Recommended Metalworking Concentrations

Design Concentration Range	3.0% - 10.0%

Concentration by Titration



% Concentration = No. of Drops x Titration Factor
Titration Factor = 0.80

Request SDS

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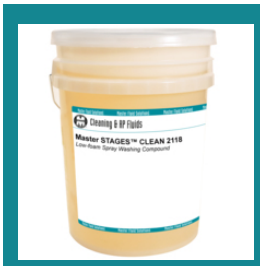
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Mixing Instructions

- Recommended usage concentration in water: 3.0% - 10.0%.
- To help ensure the best possible working solution, add the required amount of concentrate to the required amount of water (never the reverse) and stir until uniformly mixed.



1-gallon jug
SKU: CL2118-1G
UPC-12: 641238082149



5-gallon pail
SKU: CL2118-5G
UPC-12: 641238082163



54-gallon drum
SKU: CL2118-54G
UPC-12: 641238082170



270-gallon tote
SKU: CL2118-270G
UPC-12: 641238082187

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Additional Information

- Industrial use only
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
- Master STAGES™ is a trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
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