CLEAN 2115

Low-foam Spray Washing Compound

Master STAGES™ CLEAN 2115 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 2115:

- When washing aluminum parts above 100°F (40°C) consider using Master STAGES™ CLEAN 2115AL
- Does not foam even when contaminated with large quantities of soils or coolant. This makes CLEAN 2115 an excellent choice where rapid buildup of coolant carryover creates a foam problem
- Many CLEAN 2115 applications are in the range of 3,000 PSI - 10,000 PSI (20684 - 68947 kPa)
- 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
- Can be used on most aluminum alloys if kept under 100°F (40°C)
- Exceptional sump life and great tramp oil rejection

CLEAN 2115 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

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

Industries — medical

CLEAN 2115 is free of — boron, EDTA, and silicates
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Application Guidelines

- In very high-pressure spray washers (over 1,000 PSI, 6894 kPa), deburrers, 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% - 10%.
- If washing aluminum parts, keep temperatures below 100°F (40°C), concentration below 5%, and minimize exposure time.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.2trim.us/distributors.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

Physical Properties Typical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color (Concentrate)</td>
<td>Pale yellow</td>
</tr>
<tr>
<td>Color (Working Solution)</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor (Concentrate)</td>
<td>Mild, sweet</td>
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<tr>
<td>Form (Concentrate)</td>
<td>Liquid</td>
</tr>
<tr>
<td>Flash Point (Concentrate) (ASTM D93-08)</td>
<td>&gt; 219°F</td>
</tr>
<tr>
<td>pH (Concentrate as Range)</td>
<td>9.6 - 9.8</td>
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<tr>
<td>pH (Typical Operating as Range)</td>
<td>8.8 - 9.6</td>
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<tr>
<td>Coolant Refractometer Factor</td>
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</tr>
<tr>
<td>V.O.C. Content (EPA Method 24)</td>
<td>0 lbs/gal</td>
</tr>
<tr>
<td>Cleaner Conductivity Factor</td>
<td>0.00300</td>
</tr>
<tr>
<td>Titration Factor (CL-1 Titration Kit)</td>
<td>0.19</td>
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<tr>
<td>Number of Cleaner Vials (CL-1 Titration Kit)</td>
<td>2</td>
</tr>
<tr>
<td>Cleaner Indicator A or B (CL-1 Titration Kit)</td>
<td>A</td>
</tr>
</tbody>
</table>

Recommended Metalworking Concentrations

Design Concentration Range 3.0% - 10.0%

Concentration by Conductivity

\[\% \text{ Concentration} = \text{Conductivity in Micro Siemens} \times \text{Factor}\]

Conductivity Factor = 0.00300

Concentration by Titration

\[\% \text{ Concentration} = \text{No. of Drops} \times \text{Titration Factor}\]

Titration Factor = 0.19

Health and Safety

See the most recent SDS at https://2trim.us/s/?i=1285-0-en-US-US
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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.

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.
- The information herein is given in good faith and believed current as of the date of publication 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 Fluid Solutions for further information. For the most recent version of this document, please go to this URL: https://2trim.us/di/?plr=CLEAN2115*en-us*na

1-gallon jug
SKU: CLEAN2115/1
UPC-12: 641238044901

5-gallon pail
SKU: CLEAN2115/5
UPC-12: 641238044925

54-gallon drum
SKU: CLEAN2115/54
UPC-12: 641238044932

270-gallon tote
SKU: CLEAN2115/NR270P
UPC-12: 641238044963

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