



Master STAGES™ CLEAN 2430

Near-neutral Washing Compound

GENERAL DESCRIPTION

Master STAGES™ CLEAN 2430 is a highly-concentrated, mild pH, liquid parts washing compound/corrosion inhibitor made for aluminum alloy and steel alloy parts as well as cast iron, copper, brass, and bronze. This product does a great job in single and multi-stage spray washers providing great detergency and long life. CLEAN 2430 may be used in medium and high-pressure spray washers and provides in-process corrosion inhibition when not rinsed.

ADVANTAGES

- CLEAN 2430 provides state-of-the-art cleaning performance in a mild pH package
- Nitrite and silicate free and leaves no powdery residue
- Low foaming at normal operating temperatures for use in high-pressure spray washers
- CLEAN 2430 “splits” oils to the surface of the cleaner tank for easy skimming
- Is very hard-water stable and an excellent choice where ferrous, aluminum, and copper alloy parts are being washed in a single washer system
- Has a mild pH and provides a week or more of indoor anti-corrosion for ferrous metals if not rinsed
- Provides long life between washer cleanouts

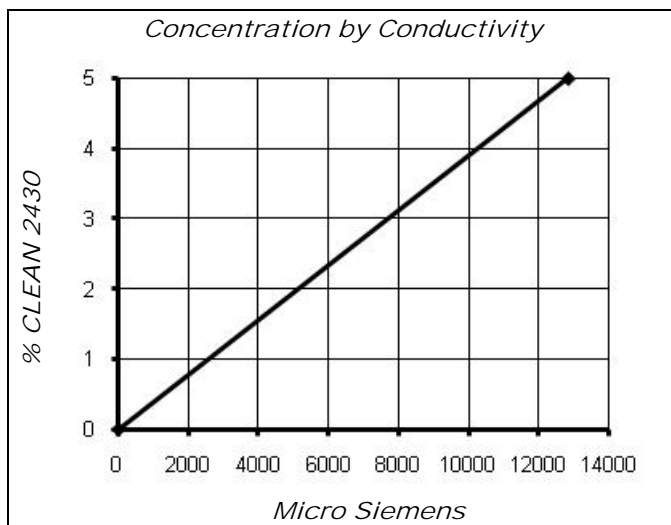
APPLICATION GUIDELINES

- For use in an immersion/ultrasonic washer at a recommended starting concentration of 3%-5%. The operating temperature should be in the range of ambient to 140°F.
- For use in a spray washer at a recommended starting concentration of 3%-5%. The operating temperature should be in the range of ambient 120°F.
- For heavy-duty tasks such as removal of greases and heavy-duty oils, concentrations of 3%-5%, and temperatures of ambient to 150°F (65°C) may be appropriate. Contact your District Sales Manager for help in determining proper concentration and temperature.
- Can be used as a vibratory finishing compound for most metals.
- May also be added to the rinse stage of spray washers to inhibit corrosion of the washer and to provide a residual RP on the parts. Generally, concentrations of 0.5%-1% will be effective.
- 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.master-stages.com.

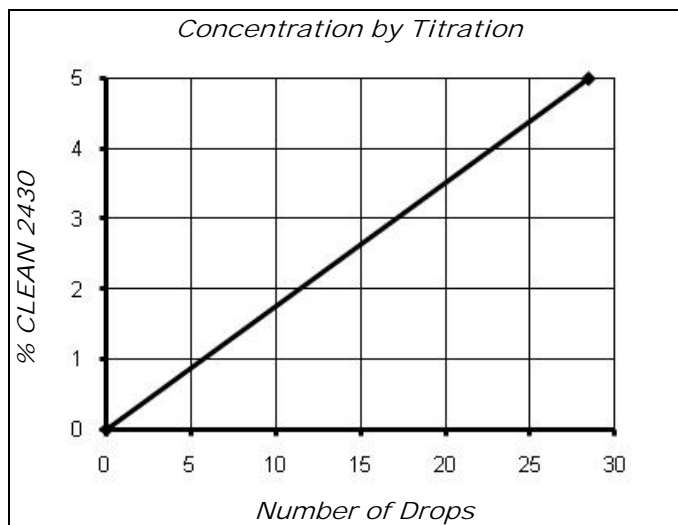
PHYSICAL PROPERTIES (TYPICAL DATA)

Color (Concentrate) Clear colorless to pale yellow
 Color (Working Solution) Colorless to pale yellow
 Odor..... Mild, detergent
 FormLiquid

Flash Point (Concentrate).....Nonflammable (COC)
 pH (Typical Operating as a Range)..... 8.0-8.7
 Conductivity Factor00039
 Titration Factor (CL-1 Titration Kit)..... 0.176



$\% \text{ Concentration} = \text{Conductivity in Micro Siemens} \times \text{Factor}$
 Conductivity Factor = .00039



$\% \text{ Concentration} = \text{No. of Drops} \times \text{Titration Factor}$
 Titration Factor = 0.176

CHECKING CONCENTRATION

CLEAN 2430 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 two vials of working solution.

Drops of Acid	5	10	17	23	28
% CLEAN 2430	1%	2%	3%	4%	5%

Titration Formula: Drops of Acid x 0.176 = % Concentration of CLEAN 2430

MIXING INSTRUCTIONS

The recommended use concentration of CLEAN 2430 is 2%-5% in water. No special mixing procedures are required. Add the required amount of concentrate to the required amount of water and stir until uniformly mixed.

HEALTH & SAFETY

See the most recent SDS at 2trim.us/s/?i=1115-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, 204-litre drum, and 1000-litre IBC.

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=139.

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