



Master STAGES™ CLEAN IP 2026PF

Phosphate-free Cleaner

GENERAL DESCRIPTION

Master STAGES™ CLEAN IP 2026PF is a highly concentrated liquid parts-washing compound for use in spray and immersion washers, including ultrasonics. This product is safe and effective on aluminum alloys and steel parts, as well as cast iron, brass, zinc, titanium, and magnesium. CLEAN IP 2026PF provides good detergency and long life for the removal of coolants, straight oils, corrosion inhibitors, and all types of metalworking fluids. CLEAN IP 2026PF has been found to be highly useful in the diverse and difficult cleaning applications found within engine and transmission remanufacturing operations.

ADVANTAGES

- Prevents flash rusting on steel or cast iron parts if not rinsed
- In many cases it minimizes or eliminates the need for multiple cleaning products since it is very effective in spray and immersion application. Excellent choice for two- or three-stage washer systems.
- Provides long bath life
- Environmental approvals are simplified because CLEAN IP 2026PF contains no nitrites, barium, phenols, phosphates, or butyl cellulose; this formula is NPE free and has no SARA 313 reportable ingredients
- Low foaming for use in high-pressure spray washers when used above 120°F

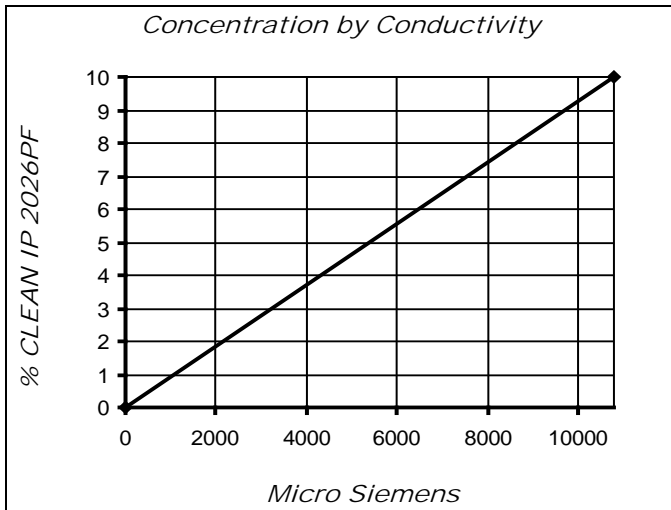
APPLICATION GUIDELINES

- CLEAN IP 2026PF is very effective at low concentrations:

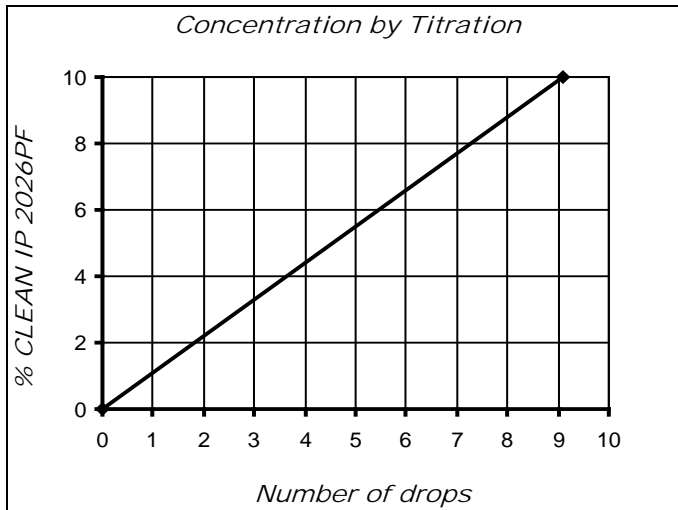
Spray washer - light soils	3%-5%	(33:1-20:1)
Spray washer - heavy soils	5%-7%	(20:1-13:1)
Immersion washer	3%-10%	(33:1-10:1)
Ultrasonic washer	3%-7%	(33:1-13:1)
- In spray applications, this product should be heated above 120°F to avoid foaming. Ultrasonic washers should be kept between ambient and 160°F. Agitated immersion washers can run at room temperature up to the maximum recommended temperature of 160°F.
- CLEAN IP 2026PF should be rinsed in most applications. If ferrous or copper alloy parts are rinsed, a corrosion inhibitor such as Master STAGES™ NOCOR® S2 should be used in the rinse stage. Aluminum parts would require no additional protection.
- 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)	Light yellow	Flash Point (concentrate).....	None to boiling (COC)
Color (working solution)	Light yellow	pH (Typical Operating as a range).....	11.0-12.0
Odor	Mild	Conductivity Factor00095
Form.....	Liquid	Titration Factor (CL-1 Titration Kit)	1.1



% Concentration = Conductivity in Micro Siemens x Factor
 Conductivity Factor = 0.00095



% Concentration = No. of Drops x Titration Factor
 Titration Factor = 1.1

CHECKING CONCENTRATION

CLEAN IP 2026PF concentration may be checked by titration or conductivity for working solutions. Fresh charges only may be checked by refractometer.

TITRATION

Use Master Chemical Titration Kit CL 1, Indicator A, and two vials of working solution

Drops of Acid	3	5	7	9
% CLEAN IP 2026PF	3%	5%	7%	10%

Titration Formula: Drops of Acid x 1.1 = % Concentration of CLEAN IP 2026PF

MIXING INSTRUCTIONS

The recommended use concentration of CLEAN IP 2026PF is typically 3%-10% in water. No special mixing procedures are required. Add the required amount of concentrate to the required amount of water and stir or operate the washer until uniformly mixed.

HEALTH & SAFETY

See the most recent SDS at 2trim.us/s/?i=1286-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=10171.

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