



Master STAGES™ CLEAN F2™

Non-butyl Floor and Multi-purpose Cleaner

GENERAL DESCRIPTION

Master STAGES™ CLEAN F2™ is a super concentrate that does an outstanding job in floor cleaning and other multi-purpose uses. In addition to its primary job in automatic floor scrubbers, it is often used for general-purpose cleaning, mop bucket cleaning, and parts washing in room temperature wash tanks. The mild pH of this product means it is compatible with most waste treatment (including ultrafiltration) and it will not degrade TRIM® metalworking fluids with which it may come into incidental contact.

ADVANTAGES

- With a mild pH and low conductivity, CLEAN F2 will not cause splitting of TRIM® coolants
- Formulated without silicates or other high pH additives, CLEAN F2 is compatible with ultrafiltration systems and bioremediation
- CLEAN F2 has been proven nonirritating to skin at 20% concentration
- An excellent choice for packaging in spray bottles up to 20%
- Can be used for general cleaning tasks and to remove soils from parts and tools
- Operators like CLEAN F2's mild, pleasant citrus scent
- Environmental approvals are simplified because CLEAN F2 contains no nitrites, barium, phenols, or butyl cellulose; this formula has very low V.O.C. content and no SARA 313 reportable ingredients
- An effective "mop bucket" cleaner in addition to use in floor scrubber machines
- Will remove heavy soils from floors without lifting off floor paints, coatings, or leaving a slippery residue; suitable for concrete, painted, tile, or linoleum floors

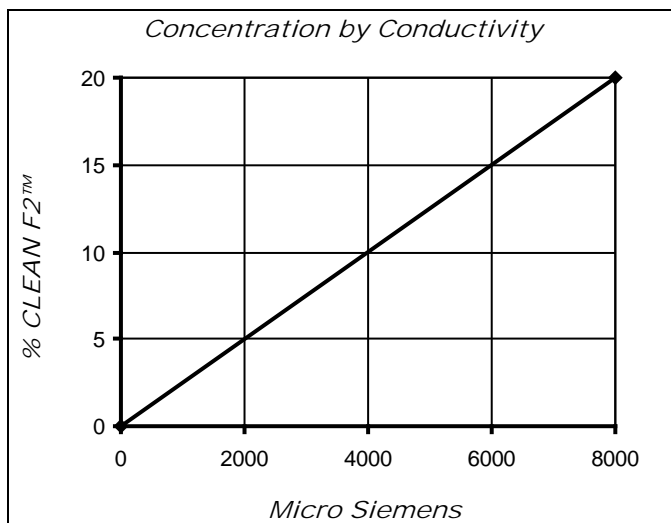
APPLICATION GUIDELINES

- CLEAN F2 is designed to be used at low concentrations:

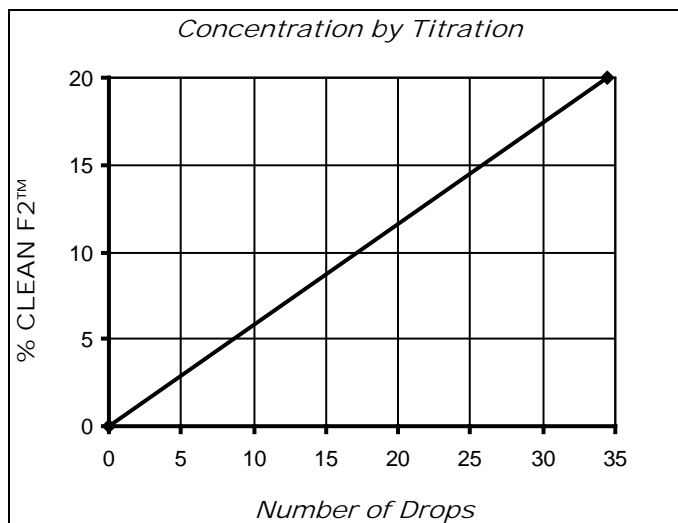
• Power washers and steam cleaners	1%-3%	(1½-4 oz. /gal.)
• Floor scrubber machines	1½%-3%	(2-4 oz. /gal.)
• Mop buckets	5%-10%	(6½-13 oz. /gal.)
• Parts washing (immersion type)	10%	(13 oz. /gal.)
• Hard surface cleaning (spray bottle or bucket)	20%	(26 oz. /gal.)
- CLEAN F2 is also effective in immersion style washers and ultrasonic baths, and can be used at room temperature up to 160°F.
- 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)	Blue	Flash Point (Concentrate).....	215°F (102°C) (ASTM D93)
Color (Working Solution)	Blue	pH (Typical Operating as a range).....	10.2-11.2
Odor	Mild citrus	Conductivity Factor	0.0025
Form.....	Liquid	Titration Factor (CL-1 Titration Kit)	0.58



% Concentration = Conductivity in Micro Siemens x Factor
 Conductivity Factor = 0.0025



% Concentration = No. of Drops x Titration Factor
 Titration Factor = 0.58 four vials

CHECKING CONCENTRATION

CLEAN F2 concentration may be checked by titration or conductivity for working solutions.

TITRATION

Use Master STAGES Titration Kit CL 1, Indicator B, and four vials of working solution.

Drops of Acid	2	4	9	17	26	35
% CLEAN F2	1.2%	2.3%	5%	10%	15%	20%

Titration Formula: Drops of Acid x 0.58 = % Concentration of CLEAN F2

MIXING INSTRUCTIONS

The recommended use concentration of CLEAN F2 is 1%-20% in water. No special mixing procedures are required. Add the required amount of CLEAN F2 concentrate to the required amount of water and stir until uniformly mixed.

HEALTH AND SAFETY

Avoid skin, eye, or inhalation contact with spray mist. For further information, see the most recent SDS at 2trim.us/s/?i=1120-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, 1000-litre IBC.

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