



LF2100® LOW-FOAM CLEANER

CONCENTRATED CLEANING SOLUTION FOR MACHINE WASHING APPLICATIONS

FEATURES & BENEFITS:

LF2100® is a powerful, low-foaming blend of chelants, nonionic, and amphoteric ingredients formulated to remove a wide range of soils from many different surfaces. LF2100® cleans labware and equipment, and is ideal for tanks with oil skimmers. It works well at room temperature or when heated.

- Free rinsing
- Highly concentrated – economical
- Easy-to-mix liquid
- Validation methods available
- NSF certified USDA A1 cleaner
- Orally non-toxic
- A safe alternative to caustic cleaners and solvents

CLEANING METHODS: • CIP • COP • Manual • Ultrasonic • Machine washing • Pressure washing

SOILS REMOVED:

Target soils include oil, grease, wax, tar, flux and biological debris.

Appearance	Dark yellow to light brown
Biodegradable	No
Chelant	Na4EDTA
Phosphate free	Yes
Corrosive	No
Foam	Low
Odor	Mild
pH, neat	9.7
pH, 2%	10.6
VOC (ASTM D2369)	0.5%

Specific gravity	1.170
Cloud point °C	Room temperature
Pour point °C	-9.0
Freezing point °C	-8.0
Boiling point °C	100
Draves 0.5% (seconds)	16.0
Draves 1% (seconds)	5.6
Draves 2% (seconds)	4.0
Flash point	Not applicable
Storage temperature range	36° - 109°F / 2° - 43°C

TECHNICAL DATA SHEET



US HEADQUARTERS: 201 Connecticut Drive
Burlington, New Jersey 08016 USA
(609) 386-8770 • www.ipcol.com

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DIRECTIONS:

Cleaning tasks tend to require individualized procedures that are developed empirically, however, the following general points pertain to most applications. The cleaners are concentrates and should be diluted with water before use - 1.0% to 2.0% cleaner in water is recommended. Experiment with controllable variables, including the temperature of the solution, dwell time, the type of cleaning action, the concentration of detergent in the solution, and the type of water used. A thorough rinsing or flushing step should follow cleaning. For critical cleaning applications use deionized or distilled water. For food contact surfaces, rinse with potable water. Maximum usage temperature: 100°F (38°C).

STORAGE:

Store between 2° - 43° C (36° - 109° F) in a cool, dry, well-ventilated area. Protect containers from sunlight and keep closed when not in use. Use only stainless steel, polyethylene, or plastic-lined containers for storage. Do not store LF2100® in contact with aluminum, zinc, copper or their alloys. The shelf life of LF2100® is 5 years from the date of manufacture.

DISPOSAL:

Unused, LF2100® is not hazardous waste. However, once contaminated with soils through the cleaning process, it is the responsibility of the user to determine whether the waste is hazardous, and requires special disposal procedures. Please refer to the SDS for details.

CLEANING DILUTION CHART:

To Determine How Much Cleaner to Use...

1. Use the table below and find the size of your cleaning tank.
2. Select a concentration of cleaner that works for your application.
A solution of 1-2% cleaner in water is a recommended starting point.

U.S. TANK SIZES (concentration of cleaner)				
Tank Size	0.5%	1.0%	2.0%	5.0%
1 Quart	1/6 ounce	1/3 ounce	2/3 ounce	1½ ounces
1 Gallon	2/3 ounce	1¼ ounces	2¾ ounces	6½ ounces
3 Gallons	2 ounces	3¾ ounces	7¼ ounces	19¼ ounces
5 Gallons	3¼ ounces	6½ ounces	12¾ ounces	1 quart
10 Gallons	6½ ounces	12¾ ounces	25½ ounces	2 quarts
25 Gallons	16 ounces	1 quart	2 quarts	1¼ gallons
50 Gallons	1 quart	2 quarts	1 gallon	2½ gallons
100 Gallons	2 quarts	1 gallon	2 gallons	5 gallons

SIZES AVAILABLE:

L-2101-12	L-2120	L-2190	L-2195
1 liter container (12 per case)	23.5 kg net wt. container	235 kg net wt. plastic drum	1,175 kg net wt. plastic tote