

No Rinse™ Prepaint Cleaner



- Cuts Cleaning Time
- Saves Labor
- Reduces Water Usage
- Improves Adhesion
- Biodegradable
- Water-Based

For Cleaning:

- Aluminum, Vinyl, Wood Siding
- Galvanized Metal
- Plastic, Fiberglass
- Concrete, Limestone, Brick

Removes:

- Dirt, Dust, Fly Ash
- Oil Film, City Grime
- Soot, Nicotine Stains

1. PRODUCT DESCRIPTION

No Rinse Prepaint Cleaner is a concentrated, alkaline detergent blend specially developed to reduce cleaning time by eliminating the rinsing step.

Once soil has been removed from the surface by spray flushing, wiping, pre-wetting and air lancing or vacuuming, a clear water rinse of the cleaned surface is not required before coating or sealing. This is possible because **No Rinse Prepaint Cleaner** leaves no soapy residue to impair adhesion of the coating or sealant.

No Rinse Prepaint Cleaner is effective across a wide range of soil types and may be used before applying water-borne or solvent-borne coatings and sealants.

2. ADVANTAGES

No Rinse Prepaint Cleaner cuts cleaning costs by eliminating the final rinsing of the cleaned surface before applying a coating or sealant.

In field use, **No Rinse Prepaint Cleaner** has delivered superior cleaning performance and surface adhesion characteristics.

The rapid drying time following cleaning, less than 1 hour on average, permits quick coating applications. This saves the downtime costs involved in closing all or part of a plant during the cleaning operation. In many cases, the coating can be applied before the scaffolding has to come down to accommodate personnel or to be moved to the next location.

No Rinse Prepaint Cleaner has a very slight, mild odor in its concentrated form. When diluted it is virtually odorless and non-objectionable to personnel in the area of use. It performs effectively through a broad range of temperature conditions and requires no unreasonable precautions by workers.

No Rinse Prepaint Cleaner mixes readily in water and is safe to use near vegetation.

3. USES

CLEANING - No Rinse Prepaint Cleaner is recommended for cleaning surfaces before applying water-borne or solvent-borne coatings or sealants including elastomeric, epoxy, urethane and acrylic coating systems.

ACID NEUTRALIZING - No Rinse Prepaint Cleaner is an effective neutralizing agent for acid residue. It is recommended as a final rinse step before coating or sealing surfaces contaminated with acid residue. Before applying a coating or sealant, compare the pH of the surface to the coating or sealant manufacturer's specifications.

4. APPLICATION

No Rinse Prepaint Cleaner can be applied with a pressure washer, conventional or airless sprayer, hand-pump sprayer, hose-end sprayer or manually with a brush, cloth, sponge or fiber pad.



FOR BEST RESULTS

- 1) Select proper dilution (see Dilution Guide).
- 2) Mix the concentrate with water. Hot water will speed cleaning. Each 18° F increase in solution temperature doubles cleaning effectiveness.
- 3) Alternate application methods:
 - a. Apply enough solution to flush the soil away. Air or force dry.
 - b. Thoroughly wet surface with solution. Allow short contact time. Air lance surface with compressed air.
 - c. Spray solution onto surface allowing short contact time. Respray with solution to flush soil away.
 - d. Spray surface with solution allowing short contact time. Vacuum with a wet/dry vac.

IMPORTANT:

To prevent streaking on vertical surfaces, apply solution from the bottom working upward for the initial wetting of the surface.

GREAT LAKES
LABORATORIES

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NO RINSE PREPAINT CLEANER
Product No. 13158

No Rinse Prepaint Cleaner

5. DILUTION

No Rinse Prepaint Cleaner is highly concentrated and should be diluted before use. Dilution rates will vary greatly depending on surface conditions and application method.

The dilution required for a specific job should be determined by cleaning a small test area. Mix test solutions based on the following guide and compare the effectiveness of different concentrations.

For Conventional, Airless, Hand-Pump Sprayer or Manual Use:		
Soil Condition	For 1 Gal. of Solution Add:	For 5 Gal. of Solution Add:
Light Duty	1 oz.	5 oz.
Medium Duty	5 oz.	25 oz.
Heavy Duty	10 oz.	50 oz.

HOSE-END SPRAYER:

Follow manufacturer's dilution directions.

Severe soil conditions may require stronger dilutions, repeated cleaning and/or agitation with a brush, cloth, sponge or fiber pad.

FOR PRESSURE WASHERS

The force of high pressure water will remove some soils, however, certain contaminants are bonded to surfaces by a bond that even water at high pressure will not break.

No Rinse Prepaint Cleaner contains a unique blend of cleaning agents which break this bond allowing the soil to be washed away. The use of this product in a pressure washer will provide faster and better results than with water alone.

Pre-mix the solution according to the following guide and place the injector tube into the mixed solution and begin application.

For Pressure Washer With 10:1 Detergent Injector:		
Soil Condition	For 1 Gal. of Pre-Mix Add:	For 5 Gal. of Pre-Mix Add:
Light Duty	10 oz.	1/2 Gal.
Medium Duty	48 oz.	2 Gal.
Heavy Duty	96 oz.	4 Gal.

For extreme soil conditions, place the injector tube directly into the container.

6. PROPERTIES

Specific Gravity	1.02
pH As Supplied	13.0
pH @ 10 oz./Gal.	10.5
pH @ 5 oz./Gal.	9.5
pH @ 1 oz./Gal.	7.5
Biodegradable	Yes
Stability	Stable
Diluent	Water
Solubility in Water	Complete
Storage Ability	Indefinite
Appearance	Blue Liquid
Odor	Slight, mild
Flammable	No
Boiling Point	Over 212°F
Freezing Point	Below 32°F
Freeze/Thaw Stability	3 Cycles
CERCLAReportable Quantity	N/A
RCRAHazardous Waste No.	N/A

7. COVERAGE CALCULATOR

Calculate the total Surface Area Square Feet to be cleaned by multiplying the length by height or width in feet.

$$\text{Length X Height} = \text{Total Sq. Ft.}$$

$$\text{_____ X _____} = \text{_____}$$

To determine the approximate gallons of **No Rinse Prepaint Cleaner** concentrate required:

- Select Light, Medium or Heavy Duty from the chart.
- Find the Square Feet of Coverage closest to the Total Surface Area Square Feet to be cleaned.
- Use the numbers in the "Gallons of Concentrate" column for an estimate of the gallons needed to clean a flat, smooth surface using a low pressure spray applicator.
- For rough, porous, or corrugated surfaces: Multiply Gallons x 1.2
- For high pressure spray applications: Multiply Gallons x 1.3

Gallons of Concentrate	Square feet of Cleaning Coverage†		
	Light Duty 2 oz./Gal.	Medium Duty 3 oz./Gal.	Heavy Duty 5 oz./Gal.
1	25,800	5,200	2,800
2	51,600	10,400	5,600
3	77,400	15,600	8,400
4	103,200	20,800	11,200
5	129,000	26,000	14,000
6	154,800	31,200	16,800
7	180,600	36,400	19,600
8	206,400	41,600	22,400
9	232,000	46,800	25,200
10	258,000	52,000	28,000
20	516,000	104,000	56,000
50	1,290,000	260,000	140,000
100	2,580,000	520,000	280,000
200	5,169,000	1,040,000	580,000
500	12,900,000	2,600,000	1,400,000

† Based on cleaning 200 sq. ft./gallon of solution.

8. FIELD EXPERIENCE

Metal Fabrication Plant

- Prepaint cleaning of interior walls
- Minimal Water Allowed
- Medium Soil Conditions

To remove dust, dirt, and vaporized oil film, a dilute solution was applied with an airless unit at low pressure to thoroughly wet the surface and minimize overspray. This was followed by a low pressure flushing spray 15 minutes later using a lighter dilution. No water rinse necessary before applying coating.

Metal Grinding Shop

- Prepaint cleaning of walls/decking
- Minimal Water Allowed
- Heavy Soil Conditions

Removal of heavy deposit of soot and grinding residue from metal decking, bar joists and block walls. Surfaces were spray flushed with a dilute solution at 300 psi to remove residue. No water rinse required before coating.

Metal Treatment Plant

- Prepaint surface preparation
 - Neutralizing acid residue on decking
- Sprayed flush surfaces with dilute solution to neutralize acid residue. After air drying tested pH to assure neutralization and applied coating.

Machine Tool Manufacturer

- Prepaint cleaning of new machinery
 - Replaced trichloroethane
- Spray flushing or wiping metal surfaces to remove light mill oil before coating.

Grocery Distribution Warehouse

- Prepaint cleaning of interior
- Minimal water allowed
- Light soil conditions

A diluted solution was sprayed onto the walls, decking and bar joists using an airless unit until the soil was flushed away.

9. SAFETY AND HEALTH DATA

No Rinse Prepaint Cleaner is biodegradable, non-flammable, non-carcinogenic, and contains no butyl, silicone, petroleum or chlorinated solvents.

10. RESEARCH

No Rinse Prepaint Cleaner has been accepted with an A-1 category designation as a general cleaning agent on all surfaces or for use with steam or mechanical cleaning devices in all departments of USDA inspected facilities.

11. AVAILABILITY

No Rinse Prepaint Cleaner is available through dealers and distributors throughout the United States and is manufactured in Livonia, Michigan. Call or write Great Lakes Laboratories, Inc. for a list of dealers and distributors.

No Rinse Prepaint Cleaner is available in 1 gallon plastic bottles (4 per case), 5 gallon plastic pails with reclosable spouts for pouring, and 55 gallon plastic drums.

12. TECHNICAL SERVICES

Technical advice furnished by Great Lakes Laboratories, Inc. concerning any use or application of **No Rinse Prepaint Cleaner** is reliable as current technology allows and the company makes no warranty, express or implied, of any use or application for which such advice is furnished. Technical assistance and information is available upon request by writing or calling Great Lakes Laboratories Inc. toll-free at (800) 888-1105.