

All Purpose™ Prepaint Degreaser

- Cuts And Lifts Oily Dirt-Fast
- Flash Rust Inhibitor
- Improves Coating Adhesion
- Biodegradable
- Water-Based

For Cleaning:

- Garage and Factory Floors
- Driveways, Shipping Areas
- Engines, Transmissions, Pumps

Removes:

- Heavy Oil, Grease, Grime
- Mill Oil, Forming Oil
- Tire Marks, Carbon Deposits



GREAT LAKES
LABORATORIES

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ALL PURPOSE PREPAINT DEGREASER
Product No. 1921

1. PRODUCT DESCRIPTION

All Purpose Prepaint Degreaser is an industrial grade, water-reducible, alkaline detergent developed especially for cleaning tasks requiring the safe removal of oil, grease and carbon deposits.

The advanced combination of wetting and penetrating agents provides superior cleaning, degreasing and surface preparation results. This water-based product can be used in place of most chlorinated and petroleum solvents in many cleaning applications.

2. ADVANTAGES

All Purpose Prepaint Degreaser cuts through, lifts and strips away tough, oily soils. After rinsing, cleaned surfaces are film-free and provide superior adhesion characteristics for new coatings and sealants.

All Purpose Prepaint Degreaser is not an emulsifying cleaner. Oily contaminants in collected solutions will float to the surface and can be skimmed off. Hazardous waste disposal costs can be reduced significantly because the oily contaminant can be separated from the cleaning solution.

All Purpose Prepaint Degreaser is odorless, requires no unreasonable precautions by workers and performs effectively through a broad range of temperature conditions. It mixes readily in water and is safe to use near vegetation.

3. USES

CLEANING - All Purpose Prepaint Degreaser is recommended for cleaning and degreasing prior to the application of water-borne and solvent-borne coatings and sealants. This product is particularly effective for cleaning floors and is ideal in steam cleaning applications.

RUST INHIBITION - All Purpose Prepaint Degreaser contains a rust inhibiting agent which will deter flash rusting for up to 1 week with inside storage. To protect against flash rusting, apply a 5 oz. per gallon solution to the cleaned surface and allow to dry. It is not necessary to rinse the surface before applying a coating.

4. APPLICATION

All Purpose Prepaint Degreaser can be applied with a power scrubber, pressure washer, steam cleaner, 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. If available, hot water will speed cleaning. Each 18° F increase in solution temperature doubles cleaning effectiveness.
- 3) Apply the mixed solution with a low pressure spray.
- 4) Allow 5-10 minute contact time.
- 5) Water rinse with high pressure spray.

IMPORTANT:

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

All Purpose Prepaint Degreaser

5. DILUTION

All Purpose Prepaint Degreaser is highly concentrated and intended to be diluted before use. Dilution rates will vary with 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, Power Scrubber or Manual Use:		
Soil Condition	For 1 Gal. of Solution Add:	For 5 Gal. of Solution Add:
Light Duty	2 oz.	10 oz.
Medium Duty	3 oz.	15 oz.
Heavy Duty	5 oz.	25 oz.

FOR STEAM CLEANING:

Use 4 oz. per gallon.

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.

All Purpose Prepaint Degreaser 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	20 oz.	3/4 Gal.
Medium Duty	30 oz.	1 Gal.
Heavy Duty	50 oz.	2 Gal.

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

6. PROPERTIES

Specific Gravity	1.06
Biodegradable	Yes
Stability	Stable
Diluent	Water
Solubility in Water	Complete
Storage Ability	Indefinite
Appearance	Red Liquid
Odor	Slight, mild
Flammable	No
Boiling Point	Over 212°F
Freezing Point	Below 32°F
Freeze/Thaw Stability	3 Cycles
CERCLA Reportable Quantity	N/A
RCRA Hazardous Waste No.	N/A
	pH
	voc content
pH As Supplied	11.3
pH @ 5 oz./Gal.	10.5
pH @ 3 oz./Gal.	9.5
pH @ 2 oz./Gal.	7.5
	0.490
	0.019
	0.011
	0.008

7. COVERAGE CALCULATOR

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

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

$$\text{_____} \times \text{_____} = \text{_____}$$

To determine the approximate gallons of **All Purpose Prepaint Degreaser** 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	13,000	8,800	5,200
2	26,000	17,400	10,400
3	39,000	26,400	15,600
4	52,000	35,200	20,800
5	65,000	44,000	26,000
6	78,000	52,800	31,200
7	91,000	61,600	36,400
8	104,000	70,400	41,600
9	117,000	79,200	46,800
10	130,000	88,000	52,000
20	260,000	174,000	104,000
50	650,000	440,000	260,000
100	1,300,000	880,000	520,000
200	2,600,000	1,760,000	1,040,000
500	6,500,000	4,400,000	2,600,000

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

8. FIELD EXPERIENCE

School Bus Manufacturer

- Prepaint cleaning of vaporized oil residue
- Interior galvanized decking and bar joists

Applied dilute solution with an airless sprayer. Rinsed with clear water using a pressure washer.

National Auto Repair Chain

- Prepaint cleaning of hoists and service bays

Applied a dilute solution with a tank-type sprayer to remove grease and oil. Rinsed with clean water using a pressure washer.

Paperboard Packaging Manufacturer

- Cleaning floors prior to coating
- Remove grease, oil, dirt and tire marks

Applied a dilute solution and agitated with a brush. Rinsed with a pressure washer using clear water.

Airline Maintenance Hanger

- Cleaning structural steel decking/bar joists
- Remove exhaust residue, oil, grease and dirt

Applied with a pressure washer using a chemical injector and rinsed with hot water, high pressure spray.

9. SAFETY AND HEALTH DATA

All Purpose Prepaint Degreaser is biodegradable, non-flammable, non-carcinogenic, and contains no butyl, silicone, petroleum or chlorinated solvents.

10. RESEARCH

All Purpose Prepaint Degreaser 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

All Purpose Prepaint Degreaser 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.

All Purpose Prepaint Degreaser 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 **All Purpose Prepaint Degreaser** 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.