

<b>Extra Muscle Prepaint Cleaner</b>	<b>Product Data</b>
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**Features**

- Extra Heavy Duty
- Cleans Tough Dirt - Fast
- Improves Coating Adhesion
- Replaces Wiping Solvents
- Biodegradable
- Water-Based

**Use For**

- Aluminum, Vinyl and Wood Siding
- Fire Restoration and Disaster Cleanup
- Degreasing Steel Fabrications
- Truck Garages and Auto Dealerships
- Machinery and Equipment Cleaning
- Painted or Bare Concrete Floors

**Removes**

- Paint Chalk, Paint Overspray
- Soot, Smudge, Smoke Film
- Oil Film, Lubricants, Coolants
- Exhaust Film, Oil, Grease
- Shop Grime, Rubber Scuffs
- Oil, Carbon

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**Product Description**

Extra Muscle Prepaint Cleaner is an extra heavy duty, highly concentrated, water-based alkaline detergent blend preferred by painting and cleaning professionals for the toughest jobs.

Extra Muscle Prepaint Cleaner is ideal for heavy duty cleaning before applying a water-borne or solvent-borne coating or sealant.

**Advantages**

Extra Muscle Prepaint Cleaner delivers the increased solvency and high soil-loading capacity required to remove heavy sticky masses of greasy grime, soot, smoke and exhaust residue and paint chalk.

Under severe soil conditions Extra Muscle Prepaint Cleaner has proven its ability to provide outstanding cleaning performance and deliver superior surface bonding characteristics for new coatings.

Extra Muscle Prepaint Cleaner is very economical and has been used effectively at concentrations as low as 0.2 oz./gal.

Extra Muscle Prepaint Cleaner has a very slight, mild odor. When diluted, it becomes virtually odorless.

It cleans rapidly through a broad range of temperature conditions and requires no unreasonable precautions by workers.

**Uses**

*Prepaint Cleaning*

Heavy duty cleaning before applying coatings or sealants including, elastomeric, epoxy, urethane, acrylic and powder coat systems

*Spray Gun Cleaner*

Excellent cleaner for spray guns and spray tips when used undiluted. Also effective as a line purge for

**Line Purge**

water-based and water-reducible coatings.

**Other**

Deglossing water-based paints. Removing overspray and solid color stains.

**Application Methods**

- *Hot/Cold Water Pressure Washer w/chemical injector*
- *Airless Sprayer*
- *Conventional Sprayer*
- *Ultrasonic Cleaning Unit*
- *Hand-Pump, Tank-Type Sprayer*
- *Hose-End Sprayer*
- *Trigger Sprayer*
- *Hand Wiping*

**Dilution Guide****A. Direct Application of Solution**

Extra Muscle Prepaint Cleaner is highly concentrated and is diluted with water for most applications. Dilution rates will vary depending upon the surface, the soil load and method of application.

<b>Dilution Guide for Direct Application of Solution</b>	
<b>Soil</b>	<b>Dilution</b>
Light Duty	Mix 1 oz. per gallon of water
Medium Duty	Mix 2½ oz. per gallon of water
Heavy Duty	Mix 5 oz. per gallon of water

Note: Heavy soil conditions may require stronger concentrations.

**B. Pressure Washer Detergent Injection**

Most cold water pressure washers with detergent injectors are pre-set for an injection rate of 10 parts water to 1 part of detergent. To obtain lower concentrations, pre-mix the solution before injecting.

<b>Dilution Guide for 10:1 Detergent Injection</b>	
<b>Soil</b>	<b>Pre-Mix Before Injection</b>
Light Duty	Mix 10 oz. per gallon of water
Medium Duty	Mix 25 oz. per gallon of water
Heavy Duty	Mix 50 oz. per gallon of water

**Physical 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	Transparent green liquid
Odor	Slight, mild
Flammable	No
Boiling Point	Over 212°F
Freezing Point	Below 32°F

Freeze/Thaw Stability	3+ Cycles
CERCLA Quantity	N/A
RCRA No.	N/A

### Coverage Calculator

To determine how much Extra Muscle Prepaint Cleaner will be needed for a specific cleaning job, use the following guide:

<b>Length X Height = Total Square Footage</b>
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Calculate the total area to be cleaned by multiplying the length by the height

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

To determine the approximate gallons of Extra Muscle Prepaint Cleaner required:

A. Select Light, Medium or Heavy Duty from the chart based on soil conditions.

B. Find the Square Feet of Coverage closest to the Total Surface Area in Square Feet to be cleaned.

C. Use the number in the "Gallons of Concentrate" column for the number of gallons needed to clean a flat, smooth surface using a low pressure spray applicator.

**Note:** For rough, porous or corrugated surfaces, multiply gallons X 1.2.

For high pressure spray application multiply gallons X 1.3.

Square Feet of Cleaning Coverage			
Gallons Required	Light Duty 1 oz./gal	Med. Duty 2½ oz./gal	Heavy Duty 5 oz./gal
1	25,800	10,320	5,200
2	51,600	20,640	10,400
3	77,400	30,960	15,600
4	103,200	41,280	20,800
5	129,000	51,600	26,000
6	154,800	61,920	31,200
7	180,600	72,240	36,400
8	206,400	82,560	41,600
9	232,000	92,800	46,800
10	258,000	103,200	52,000
20	516,000	206,400	104,000
50	1,290,000	516,000	260,000
100	2,580,000	1,032,000	520,000
200	5,169,000	2,067,600	1,040,000
500	12,900,000	5,160,300	2,600,000

### Safety and Health Data

#### A. General

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

#### B. Material Safety Data Sheet

 Click on this button for the [Extra Muscle Prepaint Cleaner Material Safety Data Sheet](#).

### Availability

Extra Muscle Prepaint Cleaner is available through Paint Dealers and Distributors throughout the United States and is manufactured in Livonia, MI. Call Great Lakes Laboratories toll-free at 1-800-888-1105 for the name of a dealer or distributor near you.

Extra Muscle Prepaint Cleaner is available in 1 gallon plastic bottles, 5 gallon plastic pails with reclosable spouts and 55 gallon plastic drums.

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**Technical Services**

Technical advice furnished by Great Lakes Laboratories, Inc. concerning any use or application of Extra Muscle Prepaint Cleaner is reliable as current technology allows and the company makes no warranty, express or implied of any use or application for which advice is furnished. Technical assistance and information is available upon request by calling Great Lakes Laboratories toll-free at 1-800-888-1105.

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