

# V- 100 CLEANER DEGREASER

## Installation Guide

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### PRODUCT DESCRIPTION

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V-100 is a Heavy Duty Alkaline Cleaner Degreaser. V-100 is a versatile concentrated cleaner for cleaning a multitude of hard surfaces. Clean oil, grease, dirt and grime, from asphalt, concrete, metal, and painted walls. V-100 is ideal for any heavy duty industrial cleaning job. Product can also be diluted for more general purpose cleaning, neutralizing acid stained concrete or removing hard water deposit off sealed surfaces.

### RECOMMENDED COVERAGE RATES

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Dilution ratio of 4-1 with water for heavy duty cleaning and a ratio of 9-1 for general cleaning.

*Available in 1 Gal Kit – 5 Gal Kit.*

*400-600 SFft /gal*

### SUBSTRATE REQUIREMENTS

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#### Concrete

Concrete shall be structurally sound and stable and free of sealers and contamination that could interfere with the cleaning process directly to concrete.

### ADVICE BEFORE INSTALLATION

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- Take precaution to protect all areas that cannot get wet.
- Keep any electrical cords of the surface.
- Always wear you Personal Protect Equipment including Safety Googles. ( PPE )

### INSTALLATION STEPS

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#### 1.Mixing

- Using a jiffy-type mixing blade at a maximum of 400 rpm.
- Pre-mix the V-100.
- In a clean 5 gal Bucket.
- Add 1 part by volume of V-100 to 4 parts by volume of clean, potable water.
- For general cleaning use a mixing ratio of 9 parts V-100 to 1 parts by volume of clean, potable water.

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### **2. Preparation**

- Supply auxiliary ventilation as necessary to produce a safe working environment.
- Use a NIOSH approved respirator capable of filtering organic vapors and fine dust particles.
- Always wear the appropriate Personal Protective Equipment ( PPE ).

### **3. Application**

- Apply diluted V-100 evenly to the substrate by pouring or spraying.
- Lightly scrub the V-100 into the concrete while spreading. Use a push broom or mop.
- Apply mixture at a coverage rate of 75-150 ft<sup>2</sup> per diluted gallon.
- Use a Floor Buffer Machine on larger areas to then scrub the surface.
- Use a Wet n Dry Vac to pick up the residue.
- Do not allow any concrete residue to dry back up on the surface. Keep the surface damp by lightly misting as needed.
- Pressure wash the surface if applicable.
- Thoroughly rinse concrete with clean water.
- Collect run-off as necessary to comply with EPA, state, and local regulations.
- Allow the surface to dry completely before checking for residual dust and debris. If surface remains dusty or dirty, repeat step two.

### **4. Clean-Up**

- Clean up tools and splatter with Clean Water. Clean hands and exposed skin with a citrus-based hand cleaner.

#### **\*\*ADDITIONAL NOTES ON HAZARDOUS RUN-OFF \*\***

Acid etching and treatment operations are receiving considerable attention from the EPA, and local regulatory bodies due to the hazardous run-off from acidic operations that can result in adverse effects upon the environment (marine life, subterranean and surface water), and infrastructure (sewers, gutters, storm drains, and sidewalks.) It is illegal to dump or dispose of hazardous materials directly into the environment, inclusive of storm drains. Acidic run-off and rinse water may be classified as hazardous material due to any one of the following three conditions: 1) Material is overly acidic or basic 2) Run-off and rinse water carries hazardous material leached from the concrete 3) Cleaner and neutralizers are categorized as hazardous The following cautions should be taken to prevent deterioration to the

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environment and infrastructure: 1) All run-off and rinse water should be close to a neutral pH V-100 IG Rinse water containing hazardous material should be collected and disposed of in a manner compliant with local, state, and federal regulations The following recommendations are made to facilitate compliance, but will not apply to all materials and operations:

- 1) Collect run-off and rinse water into a suitable storage container, and neutralize acidic pH with sodium bicarbonate (baking soda.) Check pH with litmus paper, available at any location that sales pool supplies.
- 2) Once sediment has fallen out of solution, the solution may be siphoned off for disposal.
- 3) In most cases, the neutralized solution may be disposed through a treated sewer line.
- 4) In most cases, the hardened sediment may be disposed of in normal refuse receptacles.

### Cure Times

- Depending upon Temperatures allow the floor to dry completely before proceeding to coat the surface.

### **ADDITIONAL CAUTIONS AND RECOMENDATIONS**

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- Coverage rates may vary depending upon porosity of the Concrete.
- Mask all areas that need protection.
- Always wear protective clothing and equipment as required by OSHA and as necessary.
- Read Material Safety Data Sheets before commencing work.
- Have all personnel who come in contact with liquids read The Versatile EPOXY, URETHANE, AND POLYASPARTIC 2K SAFETY GUIDE and Material Safety Data Sheets before commencing work.

### **TECHNICAL SERVICES**

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- Technical services can be obtained by contacting Versatile directly at 714-829-2600.