

# S-12000 Heavy Duty Degreaser™

TECHNICAL DATA SHEET

## DESCRIPTION

S-12000 Heavy Duty Degreaser™ is a fortified, industrial-strength, alkali-citrus based cleaner that is formulated to clean many types of surfaces. S-12000 Heavy Duty Degreaser has a high ph of 11.5 and is formulated to penetrate deep into the pores of the substrate and remove petroleum-based products and contaminated surface residues such as oils, dirt, efflorescence and grime from concrete. This product may be used as an environmentally friendly alternative to acidic, phosphoric or caustic cleaners for surface preparation and can also be used for basic cleaning and is used prior to the application of penetrating sealers and overlays. Cleaning surfaces with S-12000 Heavy Duty Degreaser will enhance architectural surfaces by removing the gradual build-up of atmospheric grime. This product is also a safe, biodegradable alternative to acid washes and concrete substrate neutralizers.

## USES

Maintenance of Decorative Surfaces  
Masonry  
Industrial Floors  
Machine Shops  
Commercial Kitchens  
Pool Decks  
Tile Floors  
Auto Repair Shops  
Engines / Engine Rooms  
Mobile Washer / Detail Facilities  
Specified for use Prior to Pene-Krete Treatment

Concrete Surfaces  
Stone  
Loading Docks  
Gas Stations  
Driveways  
Stamped Concrete  
Freezer Floors  
Parking Garages  
Food Service Areas  
Truck Washes



## ADVANTAGES

Non-toxic in finished form  
High alkalinity for tough-to-clean soils and greases  
Solvent-free solution for tough cleaning jobs  
Will penetrate diesel smoke on trailers  
May be safely rinsed down gutters or drains in most municipalities  
Penetrates deep into pores to rinse petroleum-based products

Will not harm plants or environment  
Easy shipping and handling  
Biodegradable  
OSHA compliant  
Pleasant odor  
No-streak rinsing  
Leaves no residue  
No neutralizing

## CSI RELATED SECTIONS

04 01 20.51- Unit Masonry Cleaning  
04 01 40.51- Stone Cleaning

09 01 90.51- Paint Cleaning

## DIRECTIONS FOR USE

**General:** For best results, do not dilute product or dampen surface. Prior to cleaning the entire surface, apply S-12000 Heavy Duty Degreaser to heavily saturated or hard to clean areas by pouring or spraying. Apply as needed and allow to deep clean the surface for approximately 20-30 minutes. Thoroughly rinse with clean, high-pressure water. Repeat as necessary.

**Deep Surface Cleaning and Exteriors:** Follow directions above and spread with stiff broom. For smooth surfaces, use a softer broom. Saturate the entire surface with S-12000 Heavy Duty Degreaser and allow product to deep-clean for approximately 20-30 minutes. Rinse with clean water. Rinsing with hot water, using a high-pressure washer will expedite contamination removal.

**Interior:** Interior cleaning shall be performed in a controlled manner by applying sparingly to allow for easy clean-up. Extra care and caution should be taken and proper protection worn when applying indoors to properly clean the area. Apply sparingly by mop or floor cleaning machine. Rinse interior floors using a standard mop or floor cleaning machine.

Super-Krete® Products is a Division of Arizona Polymer Flooring, Inc.

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S-12000 Heavy Duty Degreaser™ 032417



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## GENERAL INFORMATION

S-12000 Heavy Duty Degreaser is a superior product not to be compared with similar store purchased degreasers or cleaners. This product has been specially formulated for the industrial and commercial cleaning industries and used by professional users that are experienced in cleaning high-profile surfaces and using the correct protection devices. S-12000 Heavy Duty Degreaser is of high, increased strength, capable of penetrating concrete substrates full depth through capillary action. Use with caution. A test patch is always recommended prior to cleaning architectural surfaces. Some surfaces damage may result from full strength application.

**Coverage Rate** 300 sf / 1 gallon

*\*Coverage rates will vary, this is an approximation only. Actual coverage will vary depending on substrate conditions, surface porosity, ambient conditions and method of application.*

**Shelf Life** 5 years when properly stored.  
Sealed and unopened.

**Storage** Store in a cool, dry place.  
Keep from moisture and freezing.

**Packaging** 1 gallon bottles / 4 per case  
5 gallon pails / 36 per pallet  
55 gallon drums / 4 per pallet

### Tools Required

Hand pump-type pump sprayer  
Stiff-Bristled Broom  
Water Blaster

### Precautions

When using this product, always wear rubber gloves for protection against alkali burns.

**pH:** 11.5

**Weight:** 8.8 lbs per gallon

**Percent Volatiles  
by Volume** 9%

**V.O.C. Content** < 100 g / liter

**Approved for use by Utah D.O.T.**

### CAUTION

As with any cleaner, protective gloves and safety glasses should be worn when applying S-12000 Heavy Duty Degreaser. See safety data sheet (SDS). Protect nearby vehicles. Always consult project specifications or city municipalities for collection of wastewater.

## LIMITATIONS:

Super-Krete Products are to be applied only when surface temperatures are above 55°F and rising and not to exceed 100°F. Super-Krete Products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete Products are professional, contractor grade products. Training in the use of these products is available. Consult a Super-Krete Products representative for information and assistance locating approved contractors in your area or for training class dates.

### MOISTURE VAPOR EMISSIONS PRECAUTIONS:

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride testing in compliance with ASTM F1869, or relative humidity probe testing in compliance with ASTM-F2170, to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **S-1300 Pene-Krete®** for cementitious overlay products and **VaporSolve® Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

### WARRANTY:

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.

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