

# TECHNICAL DATA SHEET B30



## Description:

B30 concrete remover is a biodegradable organic acid blend. Its composition makes it safer and even more environmentally friendly. It can be used to remove mortar, concrete and cement residues from virtually any type of equipment. It has been specifically designed to clean sensitive surfaces. In fact, B30 Concrete Remover does not affect paint, plastics, rubber or glass.

Cleaning with B30 concrete remover reduces the risk of injury from exposure to strong acid-based detergents (hydrochloric, phosphoric, etc.), as well as damage to materials in the vicinity of the product to be stripped. What's more, given its formulation, B30 concrete remover is ideal for cleaning. Concrete mixers, cement mixers, mortar mixers, concrete molds and any other tools that may come into contact with aggregate-based products.

## Technical Data :

Physical state: Liquid  
Color: Clear beige  
Odor: Faint  
Density (Kg/L): 1.15 - 1.17  
pH: <0.9  
VOC: not applicable  
Melting point (0°C) : <0  
Boiling point (0°C) : \_ 100  
Solubility in water : Complete

## Available formats :

Gallon : 3.78L  
5 Gallon : 18.9L  
55 Gallon : 207L

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## Restriction :

Before using on a large scale, a test should be carried out on a small part of the substrate. Concrete remover B30 is not designed for cleaning masonry. It is therefore not recommended for use on limestone or other alkaline stone. Do not allow product to dry on substrate. Work in the shade if possible. Do not work in direct sunlight. May damage galvanized steel and other metals or alkaline coatings. Do not clean at temperatures below 10°C, including those of the substrate.

## Sampling:

Before starting cleaning on the entire project, perform a cleaning sample on a small or inconspicuous part of the substrate to be treated. A sample of 1 square foot is recommended. Following the cleaning test, assess whether the solvent has not affected the substrate. You can then evaluate the results of the cleaning test. Be sure to obtain the approval of the person in charge before cleaning.

## Dilutions :

First, make sure you dilute in a contaminant-free plastic container. The water used in the dilution process must also be free of contaminants. Wear personal protective equipment as described on the MSDS when handling. Before diluting the product, be sure to determine the nature of the surface to be cleaned. Depending on sampling, readjustment of dilution may be necessary.

Cleaning thick clumps (1mm and over): 1 part B30 detergent to 1 part water.

Light film cleaning (1mm and less): 1 part B30 detergent to 3 parts water

Cleaning thick clumps by soaking: 1 part B30 detergent to 3 parts water

Cleaning by soaking with agitation: 1 part B30 detergent to 4 parts water

## Application :

1. work on a dry substrate.

2. use a brush or low-pressure sprayer to apply the diluted solution according to recommendations, tests and results obtained. Make sure application covers the entire area to be cleaned.

3. The reaction time on the substrate can vary and is done in 2 periods. The first application should be left on for 10 minutes. Then, without rinsing, reapply the product and leave for a further 30 minutes. Be sure to keep the substrate moist. Do not allow the solution to dry on the substrate.

Try as far as possible to remove all residues in a single application. If the concrete does not seem to dissolve after the 2nd soaking time, reapply the product and leave for another consecutive 30-minute period. This will allow the product to penetrate deeper into the substrate, making it easier to remove during the final rinse.

5. Use clean, contaminant-free water to remove and rinse the solution and mortar residue from the masonry surface. You can use a garden hose or a pressure washer with a 40° nozzle at a minimum distance of 20 cm. Only use the pressure washer to rinse the substrate. Excessive pressure applied to the surface could result in marks and scratches that could damage the surface of the equipment. Never forget to rinse the entire substrate thoroughly. Lack of rinsing could result in the appearance of whitish marks.

## Cleaning equipment :

Clean application tools with soapy water.

## Consumption:

20 to 60 p2 per liter.

These values are for guidance only and may vary according to the material, porosity and age of the substrate.

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## Storage :

Protect from freezing.

In temperatures ranging from 5°C to 30°C, and in the sealed delivery container, B30 concrete remover will keep for 1 year.

## Health & Safety :



DANGER! CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. Harmful by inhalation. Wash exposed and/or contaminated parts thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye/face protection. Show this safety data sheet to the attending physician. Wash contaminated clothing before reuse. Keep under lock and key. Dispose of contents/container through an approved waste disposal company in accordance with local regulations. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a POISON CENTER or doctor immediately. IF ON SKIN (or hair): Immediately remove contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to remove. Continue rinsing. Move away from danger zone.

## Technical support :

For further information, please consult our customer service department.

[www.opguard.com](http://www.opguard.com)

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