



**HYDROCLEAN<sup>®</sup>**  
**RESTORATION CLEANING SYSTEMS**

*"Manufacturer of the world's finest building cleaning products."*

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## HT-477

### Concrete Cleaner

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### Product Description

HYDROCLEAN'S HT-477 CONCRETE CLEANER is a acid base cleaner that will clean organic and inorganic soils from vertical or horizontal, interior or exterior, pre-caste or poured in place concrete substrates. It is safe, biodegradable and easy to use. Once cleaned the surface will be left evenly cleaned with a light etch and be ready to receive any type of sealer or coating.

## **How To Use Product**

Although HT-477 can be cut with water, best results will be obtained by using the product straight. It is not necessary to pre-wet the surface before using. Apply product with calcimine brushes and stainless steel or polyethylene spray equipment. Do not use steel or aluminum pumps or garden sprayers. Allow HT-477 to remain on the surface for fifteen to thirty minutes, then rinse with high pressure water (3-5 GPM and 1500-1800 PSI). Under certain conditions some agitation by hand may be necessary. For floors or decking that have a heavy build up of grease and / or oil, use HYDROCLEAN'S HT-504 GREASE & OIL EMULSIFIER or HYDROCLEAN'S HT-40 SUPER CONCENTRATE CLEANER & DEGREASER as a precleaner. For heavily carboned exterior concrete walls use HYDROCLEAN'S HT-704X HEAVY DUTY LIMESTONE & MARBLE PRECLEANER or HYDROCLEAN'S HT-716 HEAVY DUTY PAINT REMOVER as an alkaline precleaner.

## **Caution**

Take all normal safety precautions to prevent the product or the effluent from being sprayed on vehicles or persons near the work site. Do not use on limestone or marble substrates. Even when using only water, use caution to avoid overspray which could cause "clean spots" on adjacent substrates.

## **Safety**

When using any industrial strength product, the use of rubber gloves and safety glasses is mandatory. If the product does contact the skin, flush with plenty of water and apply a mild solution of household sodium bicarbonate to the area. If the product contacts the eyes, flush immediately with water and follow with a mild eye rinse containing sodium bicarbonate. Emergency solutions should be on any cleaning job site.

## **Ecology**

HT-477 CONCRETE CLEANER is completely biodegradable. The effluent, if washed into soil, will break down rapidly. If HT-477 is inadvertently sprayed on bushes, trees or plants, it should be rinsed. Rinsing with water will prevent the possibility of damage to the plants, trees or bushes.

## **Effect On Other Materials**

HYDROCLEAN'S HT-477 will not etch glass and special masking is not required. While it will not damage most sound paint surfaces, a small patch test on any surface with which the product is likely to come in contact is recommended. Normal precautions should be taken to prevent the product from being sprayed directly on painted surfaces. It may be reactive with certain types of anodized aluminum. Once again, a small patch test should be made. HT-477 CONCRETE CLEANER has other applications. Check with the manufacturer or your local distributor.

Since HYDROCHEMICAL TECHNIQUES, Inc. shall have no control of the use of the product described herein, HYDROCHEMICAL TECHNIQUES, Inc. assumes no liability for the loss or damage incurred from the improper use of such product.

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