

# BIO-CLEAN

Concentrated, biodegradable, citrus based concrete floor degreaser and cleaner.

## HOW IT WORKS

BIO-CLEAN is a powerful, water dilutable cleaner that deeply penetrates concrete floor surfaces to safely and effectively remove most surface contaminants.

## APPLICATIONS

- ◆ Use on both new and existing interior or exterior concrete floor surfaces.
- ◆ Use to remove bondbreaker or curing compound residue prior to application of other floor treatments or coverings.
- ◆ Use to remove tire marks, oil and grease drippings or other types of contaminants or stains.
- ◆ Use to remove asphalt residue staining of concrete floors.
- ◆ Ideal for use in warehouses, distribution centers, manufacturing plants, automotive/truck repair facilities, stadiums, food processing facilities, convention centers, air craft hangars, kitchens, restaurants, bakeries or anywhere that a safe-to-use, heavy duty floor cleaning product is required.

## ADVANTAGES

- ◆ Fast acting formula quickly and effectively removes many organic contaminants from concrete floor surfaces.
- ◆ Concentrated formula can be economically diluted with water according to specific cleaning needs.
- ◆ 100% biodegradable, non-toxic -- safer and more effective than other conventional solvent based cleaning compounds.
- ◆ High solvency and slow drying formulation ensures deep penetration and thorough removal of all contaminants.
- ◆ Pleasant orange scent.
- ◆ Meets all federal and state VOC requirements.

## PRECAUTIONS

- ◆ Do not apply to composition or resilient tile.
- ◆ Do not apply to any painted surface, unless the painted surface is to be stripped.

- ◆ Do not use in the presence of open food stuffs.
- ◆ Protect all adjacent areas not to receive BIO-CLEAN from accidental splatter.

## USE INSTRUCTIONS

- ◆ Request current product literature, labels and material safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions and construction have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate site test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- ◆ After cleaning or stripping with BIO-CLEAN, allow adequate time for the cleaned surface to completely dry before coating or recoating the floor. Generally a minimum of 24-48 hours is recommended, depending on ambient temperature, ventilation and humidity levels.

### GENERAL CLEANING

- ◆ Heavy oil or grease deposits should be scraped to remove all excess accumulations and pretreated with undiluted BIO-CLEAN.
- ◆ BIO-CLEAN is typically diluted 1:4 or 1:5 with water for most cleanup projects. It may be diluted up to a maximum of 1:9 with water. A site test performed at several different dilution ratios will easily determine the optimum dilution ratio.
- ◆ Apply BIO-CLEAN by sprayer, mop or through an automatic floor machine at the rate of 100-200 sf/gal (2.5-5.0 sm/l).
- ◆ Allow BIO-CLEAN to work for 10-20 minutes while periodically scrubbing the area with a floor polishing machine equipped with a stiff bristle nylon scrub brush or scrubbing pad. For larger areas, use an automatic floor machine.



chemical solutions to concrete problems

- ◆ Once the contaminants have been loosened, BIO-CLEAN should be vacuumed up or squeegeed away and the surface rinsed thoroughly with water.
- ◆ A second application may be required for complete removal of tough or stubborn stains.

TILT-UP BONDBREAKER, CURING  
COMPOUND AND COATING REMOVAL

- ◆ Dilute BIO-CLEAN 1:3 or 1:4 with water.
- ◆ Uniformly apply by sprayer or through an automatic floor machine at an application rate of 200-300 sf/gal (5-7.5 sm/l).
- ◆ Allow BIO-CLEAN to work for 20-30 minutes while aggressively scrubbing the floor surface with an automatic floor machine equipped with nylon scrub brushes.
- ◆ Squeegee the surface clean and rinse thoroughly with water.

**TECHNICAL DATA**

Density .....7.6 lbs/gal (910 g/l)  
 Color ..... Orange  
 Odor ..... Pleasant Orange Scent  
 Flash Point ..... 117° F/47° C PMCC  
 Viscosity ..... 30.0 sec @ 100° Z-1  
 Water Soluble ..... Yes

**PACKAGING**

Product is packaged in 1 gal. (3.8 l) / 8 lbs. (3.6 kg) plastic jugs, 5 gal. (19 l) / 41 lbs. (18.6 kg) plastic pails and 55 gal. (208 l) / 441 lbs. (200 kg) poly drums.

**SHELF LIFE**

One year in original factory sealed containers. Use before expiration date indicated on container.

**HANDLING/STORAGE**

Store away from excessive heat and open flame. Store product inside.

**AVAILABILITY &  
TECHNICAL SERVICES**

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE Products Group maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, phone (800) 669-2738 or (402) 341-1976.

**LIMITED WARRANTY**

**NOTICE-READ CAREFULLY**

**CONDITIONS OF SALE**

NOX-CRETE, INC. (NOX-CRETE) offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

**WARRANTY LIMITATION**

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product, and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

**INHERENT RISKS**

NOX-CRETE MAKES NO WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.