

## BIO-CLEAN CONCENTRATE



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

Compliant with Federal Consumer Products VOC Regulations. Not for use in California, LADCO, OTC or Utah.

### HOW IT WORKS

Bio-Clean Concentrate is a powerful, water dilutable cleaner that deeply penetrates concrete floor and wall surfaces to safely and effectively remove most surface contaminants.

### APPLICATIONS

- ◆ Use on both new and existing interior or exterior concrete floor and wall surfaces.
- ◆ Use to remove bondbreaker or curing compound residue prior to application of other floor or wall treatments, coverings or coatings.
- ◆ 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.
- ◆ Use to remove carpet and tile adhesive.
- ◆ Ideal for use in warehouses, distribution centers, manufacturing plants, automotive/truck repair facilities, stadiums, food processing facilities, convention centers, aircraft 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 and wall 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.
- ◆ Green Engineered™ – better for health and the environment.
- ◆ Meets all federal VOC requirements.

### ▲ PRECAUTIONS ▲

- ◆ Bio-Clean Concentrate is regulated for maximum allowable VOC by Institutional and Consumer Products.
- ◆ 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 Concentrate from accidental splatter.
- ◆ Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability of this product may be affected, making it difficult to keep product mixed during application. Product which is suspected of freezing should not be used.
- ◆ Verify that product is within the "USE BY" date stated on product packaging. Do not use expired product. The use of expired product may result in poor product performance or failure.

### 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 Concentrate, 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 Concentrate.
- ◆ Bio-Clean Concentrate 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 by sprayer, mop or through an automatic floor machine at the rate of 100 - 200 sf/gal (2.5 - 5.0 sm/L). Application rate to vertical surfaces is typically 300 - 500 sf/gal (7.4 - 12.3 sm/L)
- ◆ Allow product 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. Vertical areas should be kept wet with Bio-Clean Concentrate for 10 - 20 minutes and manually scrubbed with a soft bristle scrub brush whenever practical.
- ◆ Once the contaminants have been loosened, Bio- Clean Concentrate should be vacuumed up or squeegeed away and the surface rinsed thoroughly with water. Vertical areas can be pressure washed with water for increased effectiveness.
- ◆ A second application may be required for complete removal of tough or stubborn stains. Vertical areas may require several applications.

## **TILT- UP BONDBREAKER, CURING COMPOUND & FLOOR COATING REMOVAL**

- ◆ Dilute Bio-Clean Concentrate 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 product 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**

<b>Density</b>	7.6 lbs/gal (910 g/L)
<b>Color</b>	Orange
<b>Odor</b>	Pleasant Orange Scent
<b>Flash Point</b>	117° F/47° C PMCC
<b>Viscosity</b>	30.0 sec @ 1000 Z-1
<b>Water Soluble</b>	Yes

## **PACKAGING**

Product is packaged in 1 gal (3.8 L) jugs, 5 gal (19 L) pails and 55 gal (208 L) drums.

## **SHELF LIFE**

Shelf life is one year. Use before the "USE BY" date stated on product packaging.

## **HANDLING/STORAGE**

Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

## **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, call 800-669-2738 or 402-341-2080.

## **LIMITED WARRANTY**

### **NOTICE-READ CAREFULLY**

#### **CONDITIONS OF SALE**

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.