

## BLAST-OFF

Powerful, foaming, water-based, biodegradable, non-corrosive, concrete buildup and splatter remover.



### VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE



### HOW IT WORKS

BLAST-OFF incorporates a powerful organic molecule containing carboxyl found in sugar cane and sugar beet. This dual-function molecule is extremely effective in dissolving concrete build-up and splashing without damaging or corroding exposed steel, chromium, aluminum or electrical components.

### APPLICATIONS

- ◆ Use on any surface of aluminum, steel, plastic, fiberglass, glass, rubber or metal paint.
- ◆ Use on truck mixers, drum mixers, dosing equipment, forms and accessories, pavers, concrete pumps, mechanical plates, mechanical shovels, scaffolding, electric buggies, scaffolding, hand tools and more.
- ◆ It is also used to remove mortar, efflorescence and other calcium-based salt deposits from concrete masonry surfaces.

### ADVANTAGES

- ◆ Extremely fast action formulation quickly dissolves concrete splash and light buildup.
- ◆ The small molecular size allows deep penetration into the heaviest accumulation.
- ◆ It produces a thick, rich foam that adheres well to vertical and upper surfaces to increase effectiveness.
- ◆ BLAST-OFF is considered by OSHA and federal DOT standards to be non-corrosive and non-hazardous, making it safer for both workers and the environment.
- ◆ Easily biodegradable (90% in 7 days).
- ◆ Non-corrosive for steel, chrome, aluminum or painted metal surfaces.
- ◆ Eliminates costly damage resulting from the use of blasting machines or chipping hammers.
- ◆ It contains a red pH-sensitive dye that becomes transparent (water white) indicating a neutral pH and signaling that the applied BLAST-OFF has completed its reactive cleaning process.
- ◆ Does not contain any mineral acid.
- ◆ It has no smell.
- ◆ It can be left safely on the tools and equipment at night if necessary to loosen the heavy buildup.
- ◆ Safe for use in rubber, plastic and glass.
- ◆ Contains a powerful detergent that cuts grease, oil, dirt and exhaust soot.

- ◆ Ready to use - no mixing or dilution required.
- ◆ Green Engineered™ - better for health and the environment.
- ◆ Meets all federal and state VOC requirements.

### ▲ PRECAUTIONS ▲

- ◆ For industrial use only.
- ◆ Best results are obtained when substrate temperatures are above 50° F (10° C). Users can expect a decrease in product performance when applied during colder weather conditions.
- ◆ It is not recommended for use in raw wood, such as lumber or B-B plywood. BLAST-OFF can be used in overlapping plywood shapes (HDO, PSF and CBF) and designed forming systems.
- ◆ Not recommended for use on galvanized or galvanized surfaces.
- ◆ Protect eyes, skin and clothing from fog with glasses and a rain suit.
- ◆ Protect from freezing. Allowing the product to freeze can cause the container to break as well as separation of the active components, resulting in poor product performance. Do not use the product suspected of freezing.
- ◆ Do not allow BLAST-OFF to dry on painted surfaces, such as truck cabs and mixing drums. If allowed to dry, a fuzzy film will develop that may require mechanical polishing or re-application of BLAST-OFF to remove.
- ◆ Verify that the product is within the "USE BY" date on the product packaging. Do not use the expired product. Use of an expired product may result in poor performance or product failure.
- ◆ It does better if it is not diluted.

### USE INSTRUCTIONS

- ◆ Request the manufacturer's current product documentation, labels, and safety data sheets and read carefully before using the product.
- ◆ Site environmental conditions, substrate conditions and construction have a major impact on product selection, application methods, procedures and rates, appearance and performance. The product literature provides general information applicable to some conditions. However, it is obligatory for the buyer or installer to perform an adequate site test prior to field-scale use (independently of any other

BLAST-OFF

Form & Equipment Cleaner



chemical solutions to concrete problems

verbal or written representation) to verify that the product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.

- ◆ The brush or spray is applied to the concrete buildup or concrete splash at an application rate of approximately 100-150 sf / gal (2.5-3.7 sm / L).
- ◆ The best results are obtained when BLAST-OFF is applied using the BLAST-OFF PUMP FOAMER which produces a thick and rich foam that sticks to the vertical and upper surfaces to maximize performance.
- ◆ Maximum performance is obtained when BLAST-OFF is allowed to remain moist. Apply at low sun angles (morning or afternoon / afternoon) to dry slowly. Alternatively, lightly mix the treated areas with water to keep them moist.
- ◆ A pH-sensitive red dye indicates that the applied BLAST-OFF is actively dissolving the build-up of hardened concrete. If the applied BLAST-OFF becomes clear (water white) before all the existing accumulation has been smoothed to facilitate removal, it will need to be re-applied.
- ◆ If possible, periodically rub the treated area with a scrub brush to remove the outer layer of softened material, allowing BLAST-OFF to further penetrate the build-up.
- ◆ Re-apply additional BLAST-OFF every 15-20 minutes until the concrete is soft and soft. Accumulation of light or splashes generally requires 2-3 BLAST-OFF applications over a period of 30-45 minutes for complete removal.
- ◆ Small hand tools can be soaked in a shallow pan containing BLAST-OFF for 30 minutes to 1 hour to quickly remove concrete buildup.
- ◆ Accumulation of heavy concrete may require several applications or extended dwell times to completely smooth accumulation.
- ◆ Remove the softened concrete with a pressure washer or garden hose equipped with a spray nozzle.
- ◆ If BLAST-OFF is allowed to dry before rinsing with water, a white film will appear on the treated surface. To remove, re-apply BLAST-OFF and rinse thoroughly with water.

## TECHNICAL DATA

Color	Red pH Sensitive Dye
VOC	<50 g/L
Odor	None
Density	9.0 lbs/gal (1078 g/L)

## PACKING

The product is packed in 2.6 gallons. (10 l) and 5.3 gal. (20 L) bag-in-a-box, 55 gallons. (208 L) drums and 275 gallons. (1041 L) bulk containers.

## SHELF LIFE

The shelf life is two years. Use before the date of "USE BY" indicated on the product packaging.

## HANDLING / STORAGE

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

## AVAILABILITY AND TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, Nox-Crete Products Group maintains regional offices and distribution centers in major markets around the world. For source or technical information, call 800-669-2738 or 402-341-2080.

## LIMITED WARRANTY

### WARNING-READ CAREFULLY

#### TERMS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following terms 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 NOX-CRETE is authorized to grant any warranty or waive the liability limit set forth below.

#### LIMITATION OF WARRANTY

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within the period of use indicated on the carton or carton, when used, NOX-CRETE will replace the defective product with new product at no charge to the purchaser.

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#### INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY AS TO THE PERFORMANCE OF THE PRODUCT AFTER APPLYING BY THE PURCHASER AND THE PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.