



# BLAST-OFF FOAM CONCENTRATE

Concentrated, powerful, water based, biodegradable, non-corrosive concrete buildup and splatter remover.

## HOW IT WORKS

BLAST-OFF FOAM CONCENTRATE incorporates a powerful carboxyl containing organic molecule found in sugar cane and sugar beets. This dual-functional molecule is extremely effective at dissolving concrete buildup and splatter without damaging or corroding exposed steel, chrome, aluminum or electrical components. BLAST-OFF FOAM CONCENTRATE is designed for dilution and application using NOX-CRETE'S POWER FOAM DISPENSER.

## APPLICATIONS

- ◆ Specifically designed for use on ready-mix trucks, batching plants and batching equipment.
- ◆ Can also be used on forms and accessories, paving machines, concrete pumps, power screeds and scaffolding.
- ◆ Use on any aluminum, steel, plastic, fiberglass, glass, rubber or painted metal surface.

## ADVANTAGES

- ◆ Forms a rich, thick foam that clings well to vertical and overhead surfaces when used with NOX-CRETE'S POWER FOAM DISPENSER.
- ◆ Extremely fast acting formulation quickly dissolves concrete splatter and light buildup.
- ◆ Small molecular size allows deep penetration into the heaviest buildup.
- ◆ When diluted 1:2 or more with water, BLAST-OFF FOAM CONCENTRATE is considered by OSHA and federal DOT standards to be non-corrosive and non-hazardous, making it safer for both workers and the environment.
- ◆ Readily biodegradable (90% in 7 days).
- ◆ Non-corrosive to steel, chrome, aluminum or painted metal surfaces.
- ◆ Eliminates costly damage resulting from the use of sandblasters or chipping hammers.
- ◆ Contains a pH sensitive red dye that turns clear (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.
- ◆ Has no odor.
- ◆ Can safely be left on equipment overnight if necessary to loosen heavy buildup.
- ◆ Safe for use on rubber, plastic and glass.
- ◆ Contains a powerful detergent that cuts through grease, oil, dirt and exhaust soot.
- ◆ Concentrated formulation.
- ◆ Green Engineered™ – better for health and the environment.
- ◆ Meets all federal and state VOC requirements.

## ▲ PRECAUTIONS ▲

- ◆ For industrial use only.
- ◆ Requires dilution prior to use.
- ◆ Do not use on wood to be used for forming concrete.
- ◆ Removes seasoning from aluminum forms. Forms will require reseasoning before use.
- ◆ Protect eyes, skin and clothing from spray mist by wearing goggles and a rain suit.
- ◆ Protect from freezing. Allowing product to freeze can cause the container to rupture as well as separation of the active components, resulting in poor product performance. Product which is suspected of freezing should not be used.
- ◆ Do not allow BLAST-OFF FOAM CONCENTRATE to dry on painted surfaces, such as truck cabs and ready-mix drums. If allowed to dry, a hazy film will develop that may require mechanical buffing or reapplication of BLAST-OFF FOAM CONCENTRATE to remove.
- ◆ 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.

BLAST-OFF FOAM CONCENTRATE



maintenance & protection for forms & equipment



chemical solutions to concrete problems

- ◆ Site environmental conditions, substrate conditions and construction have a major impact 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.
- ◆ BLAST-OFF FOAM CONCENTRATE is most easily applied using NOX-CRETE'S POWER FOAM DISPENSER which automatically dilutes BLAST-OFF FOAM CONCENTRATE with water to the correct dilution ratio and mixes the diluted product with compressed air to create a rich, thick foam which clings well to vertical and overhead surfaces. The approximate application rate for properly diluted product is 100-150 sf/gal (2.5-3.7 sm/l).
- ◆ For removal of heavy concrete buildup or splatter, dilute BLAST-OFF FOAM CONCENTRATE 1:2 with water. For removal of moderate buildup, dilute 1:3 or 1:4 with water. For removal of light buildup or for everyday use, dilute 1:5 or 1:6 with water.
- ◆ Maximum performance is obtained when BLAST-OFF FOAM CONCENTRATE is allowed to stay wet. Apply at low sun angles (morning or late afternoon/evening) to slow drying. Alternatively, lightly mist treated areas with water to keep wet.
- ◆ A pH sensitive red dye indicates that the applied BLAST-OFF is actively dissolving hardened concrete buildup. If the applied BLAST-OFF FOAM CONCENTRATE turns transparent (water white) before all existing buildup has been softened for easy removal, reapplication will be necessary.
- ◆ Reapply additional BLAST-OFF FOAM CONCENTRATE every 15-20 minutes until concrete is soft and mushy. Light buildup or splatter generally requires 2-3 applications of BLAST-OFF FOAM CONCENTRATE over a 30-45 minute time period for full removal.
- ◆ If possible, periodically scrub the treated area with a scrub brush to remove the outer layer of softened material, allowing BLAST-OFF FOAM CONCENTRATE to further penetrate the buildup.
- ◆ Neutralize BLAST-OFF FOAM CONCENTRATE using NOX-CRETE'S BLAST-OFF NEUTRALIZER prior to final rinsing and removal of buildup.
- ◆ Remove softened concrete with a pressure washer or garden hose equipped with a spray nozzle.

- ◆ Heavy concrete buildup may require several applications or extended dwell times in order to completely soften the buildup.
- ◆ If BLAST-OFF FOAM CONCENTRATE is allowed to dry following application, a white film will be apparent on the treated surface. To remove, reapply BLAST-OFF FOAM CONCENTRATE, neutralize with BLAST-OFF NEUTRALIZER and rinse well with water.

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## TECHNICAL DATA

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VOC ..... <50 g/l  
 Color ..... Red pH Sensitive Dye  
 Odor ..... Odorless  
 Density..... 10.1 lbs/gal (1215 g/l)

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## PACKAGING

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Packaged in 5 gal (19 l) pails, 55 gal (208 l) drums and 275 gal (1,041 l) bulk totes.

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## SHELF LIFE

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

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## HANDLING/STORAGE

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

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## AVAILABILITY & TECHNICAL SERVICES

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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.

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## LIMITED WARRANTY

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### 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.