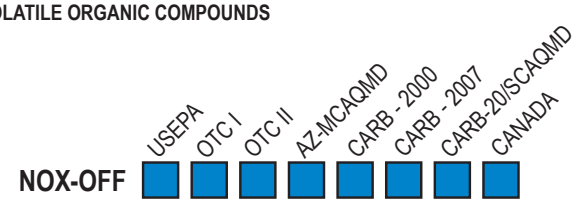
PRODUCT DATA

NOX-OFF

Powerful, foaming, water-based, biodegradable, heavy-duty concrete buildup and splatter remover.

NOT REGULATED BY FEDERAL OR STATE EPA ARCHITECTURAL COATINGS RULE FOR VOLATILE ORGANIC COMPOUNDS



HOW IT WORKS

NOX-OFF incorporates a powerful carboxylic acid and inhibited mineral acid blend, which is extremely effective at dissolving concrete buildup and splatter. The added corrosion inhibitor greatly reduces the potential for corrosion of unpainted steel, chrome, aluminum or electrical components.

APPLICATIONS

- Use on any aluminum, steel, plastic, fiberglass, glass, rubber or painted metal surface.
- Use on ready-mix trucks, drum mixers, batching equipment, forms and accessories, paving machines, concrete pumps, power screeds, power trowels, screw jacks, power buggies, scaffolding, hand tools and more.
- For use in removing mortar splatter, efflorescence and other calcium-based salt deposits.

ADVANTAGES

- Extremely fast acting formulation: Quickly dissolves concrete splatter and light buildup.
- A more powerful alternative to Nox-Crete Blast-Off, for more severe concrete buildup.
- More effective than straight organic acids such as glycolic acid.
- The small molecular size allows deep penetration into concrete buildup.
- Produces a rich, thick foam that clings well to vertical and overhead surfaces for increased effectiveness.
- Contains a powerful evaporation retardant that keeps the product working longer, especially in hot weather.
- Readily biodegradable.
- Added corrosion inhibitor minimizes corrosion of steel, aluminum or other bare metal surfaces.
- A better alternative than sandblasters, chipping hammers, or strong mineral acids.
- Safe for use on rubber, plastic, glass and most painted surfaces.
- Contains a powerful detergent that cuts through grease, hydraulic oil, form oil, dirt and exhaust soot.
- Ready-to-use - no mixing or diluting required.

⚠ PRECAUTIONS ⚠

- For industrial use only.
- Performs best if not diluted.
- NOX-OFF is corrosive to skin and should be used with proper PPE. Eye protection, gloves, and long sleeves and pants are recommended. Rinse immediately from skin if exposed. See SDS for more details.
- 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.
- Not recommended for use on raw wood, such as dimensional lumber or B-B plywood. NOX-OFF can be used on overlaid (HDO, PSF and CBF) plywood forms and engineered forming systems.
- Not recommended for use on galvanized or zinc plated surfaces.
- 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 NOX-OFF 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 NOX-OFF to remove.
- Verify that the 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 safety data sheets from manufacturer and read thoroughly before product use.
- 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.

Form & Equipment Concrete Dissolver

nox-crete®

chemical solutions to concrete problems

- Brush or spray apply to concrete buildup or concrete splatter at the application rate of approximately 100-150 sf/gal (2.5-3.7 sm/L).
- Best results are achieved when NOX-OFF is applied using the PERFECT POWER FOAMER R or PERFECT PUMP FOAMER which produces a thick, rich foam that clings to vertical and overhead surfaces to maximize performance.
- Maximum performance is obtained when NOX-OFF is allowed to stay wet as long as possible. Apply at low sun angles (morning or late afternoon/evening) for maximum dwell time. Alternatively, lightly mist treated areas with water to keep wet.
- If possible, periodically scrub the treated area with a scrub brush to remove the outer layer of softened material, allowing NOX-OFF to further penetrate the build-up.
- Reapply additional NOX-OFF every 10-15 minutes until the concrete is soft and mushy. Moderate buildup or splatter generally requires 2-3 applications of NOX-OFF over a 30-45 minute time period for full removal.
- Small hand tools can be soaked in a shallow pan containing NOX-OFF but should be monitored every 5-10 minutes to evaluate progress due to high reactivity.
- Heavy concrete buildup may require several applications or extended dwell times in order to completely soften the buildup.
- Remove the softened concrete with a pressure washer or garden hose equipped with a spray nozzle.
- If NOX-OFF is allowed to dry before rinsing with water, a white film will appear on the treated surface. To remove, reapply NOX-OFF and rinse well with water. If white film does not dissipate light buffing may be required.

TECHNICAL DATA

Color	White/clear to slight yellow tint
VOC	<50 g/L
VOC Classification	Not Regulated
Odor	Mild
Density	8.93 lbs/gal (1070 g/L)

PACKAGING

Product is packaged in 5 gal (19 L) pails, 55 gal (208 L) drums, 200 liter drums, 275 gal (1,040 L) totes and 1,000 liter totes.

SHELF LIFE

The shelf life is one year. 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 INC. 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.

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