

FOUR-ACT

Highly chemically reactive, 4-in-1 form cleaner, buildup and splatter remover, release agent and seasoning compound.

VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE



HOW IT WORKS

FOUR-ACT is a concentrated, petroleum-based, highly reactive formulation that chemically reacts with fresh concrete to prevent bonding and with existing concrete to soften buildup on all types of concrete handling and placing equipment and aluminum forms. FOUR-ACT can also be used in combination with SEASONOX to help season aluminum forms and can be diluted for use as a form release agent.

APPLICATIONS

- ◆ Use on aluminum and steel form surfaces to remove the accumulation of hardened concrete buildup.
- ◆ Excellent for use in precast, ready-mix and cement plants for cleaning and maintaining mixers, cement hoppers, conveyors, elevators, chutes, pallets, pipe rings, molds and hoist buckets.
- ◆ Use on bridge and street paving machines, laser screeds, vibratory roller screeds, truss screeds, median barrier and curb slipform machines, strike-off augers, hoppers and slipforms.
- ◆ Use on shoring, scaffolding and forming equipment and hardware, including post shores, scaffold frames and planks, aluminum deck beams and joists, column clamps, water rods and shebolts.
- ◆ Use as a concrete buildup and splatter remover on screeds, trowels and other equipment, and on forms to soften existing buildup.
- ◆ Use with SEASONOX on new aluminum forms to season form surfaces.
- ◆ Use as a form release agent when diluted up to 1:26.
- ◆ Can also be used to increase reactivity of other Nox-Crete release agents. Contact Nox-Crete for assistance with specific application.

ADVANTAGES

- ◆ Consolidates four products into one, reducing inventory costs and number of products being used.
- ◆ Helps with the seasoning process of new aluminum forms.
- ◆ Forms a protective barrier that prevents fresh concrete adhesion and buildup on treated surfaces.
- ◆ Reacts chemically to soften concrete buildup on forms, tools and equipment.
- ◆ FOUR-ACT reacts chemically with fresh concrete to prevent further hardening.
- ◆ Won't harm rubber hoses or damage painted metal surfaces.

- ◆ Concentrated petroleum-based formulation can be diluted up to 1:26 for use as a reactive form release agent.
- ◆ Excellent resistance to rain showers.

▲ PRECAUTIONS ▲

- ◆ FOUR-ACT is very reactive and requires dilution.
- ◆ Failure to properly dilute FOUR-ACT when used as a form release agent can result in excessive dusting and possibly retardation of the cast concrete surface.
- ◆ 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.
- ◆ Not for use on expanded or extruded polystyrene surfaces or latex molds.
- ◆ A slight darkening may be observed when this product is stored in polyethylene plastic totes and exposed to ultraviolet radiation from the sun, or other artificial sources.

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 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.
- ◆ FOUR-ACT must be diluted before use with kerosene fuel oil or similar petroleum carrier. As an equipment maintenance coating, dilute FOUR-ACT 1:1. To remove hard concrete buildup or to season aluminum forms, dilute 1:4. For use as a form release agent, dilute up to 1:26.
- ◆ Surfaces to be coated with FOUR-ACT should be reasonably dry prior to application.
- ◆ To soften existing concrete buildup, best results are achieved when product is applied shortly after the buildup occurs.
- ◆ To prevent adhesion of new concrete buildup, apply as a maintenance coating prior to use. Concrete splatter will harden, but will not adhere to coated surfaces.

FOUR-ACT

Multi-purpose form treatment

nox-crete®

chemical solutions to concrete problems

- ◆ Dilution rates necessary to optimize performance vary with form composition, condition of the form surface and extent of concrete buildup.
- ◆ Application rates will vary depending upon the use. Best results are generally obtained when the diluted FOUR-ACT is liberally applied.
- ◆ Older buildup generally requires repeated applications and takes longer to soften than fresh concrete buildup.

TECHNICAL DATA

Bulk Density	7.12 lbs / gal. (.85 kg / L)
Color	Amber
Odor	Pleasant
Flash Point	>212°F (100°C)
Freeze Point	-40° F (>-40° C)
VOC	<250 g / L

PACKAGING

Packaged in 5 gal (19 L) pails.

SHELF LIFE

Shelf life is two years. 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). To minimize darkening, store all polyethylene plastic totes inside and away from direct sunlight and all other sources of ultraviolet radiation.

AVAILABILITY & 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.