

No-Siment

A Better Cement and Concrete Dissolver

Description

No-Siment cement and concrete softener is a safe and effective formula designed specifically to dissolve and remove cement and concrete buildup, from Cementing trailers, Ready-Mix trucks, tools, and other equipment. It eliminates the need for blasting, chiseling, or jack hammering hardened cement or concrete buildup, reducing downtime and maintenance costs, and lengthening the life of equipment and tools.

A multipurpose performing product, No-Siment acts by softening the cement or concrete surface, making it easier to wash away. No-Siment will also dissolve cement at a much faster rate than competing products. It is comprised of biodegradable raw materials and surfactants and is formulated to be safer for end users and the environment. No-Siment does not contain any pure and strong mineral acids like Hydrochloric Acid, Phosphoric Acid, and Sulfuric Acid, and offers lower toxicity and reduced corrosion characteristics for a wider application range.

No-Siment is effective on all types of cement and concrete blends, both porous and non-porous, and can be used on metal, wood, and plastic surfaces.

Features

All of the No-Siment range of products offer the following features:

- **Effective** – No-Siment effectively dissolves hardened cement, concrete, mortar, grout, mineral deposits, and more.
- **Safe** – No-Siment is safe on most surfaces, including glass and most plastics (see the Application section below for the specific surfaces each version of No-Siment can be used on). It removes cement or concrete build-up without damaging the equipment and keeps applied surfaces looking clean and new. Formulated with biodegradable materials, No-Siment's highly effective formula does not contain Muriatic Acid, Hydrochloric Acid, Hydrofluoric Acid, Sulfuric Acid, Phosphoric Acid, or Phosphates, making it a more environmentally friendly option.
- **Multipurpose** – No-Siment can be used on all types of rolling equipment including cementing trailers (oil & gas), bulk cement trailers, job-site equipment, ready mix trucks, and other mixing and pumping equipment. It can also be used on tools, form hardware, and any object that has a build-up of cement, concrete, scale deposits, lime deposits, and or efflorescence.
- **Easy to Use** – No-Siment is easy to use and apply. Areas with light build-up of cement, concrete, or other materials will require one application of No-Siment. Areas with moderate to severe build-up may require more than one application over a longer time frame.
- **Cost-Effective** – No-Siment offers performance and cost advantages when dissolving cement, concrete, scale, and lime deposits, compared to other competing products on the market. It can provide assurance that your equipment can be free of cement and concrete build-up, while also offering health, safety, and environmental advantages.

Benefits

The No-Siment range of products offer the below benefits:

- A heavy-duty concrete softener and cleaner. No-Siment softens the concrete or cement structure/matrix, making it easier to remove. It also dissolves cement.
- Is fast acting, easy to use, and apply.
- Is biodegradable and more environmentally acceptable than competing products. It has Low Toxic and Corrosive Characteristics, which results in improved personal safety, and equipment safety. No-Siment does not contain phosphates or volatile organic compounds (VOCs) and will conform to the requirements of the Clean Water Act 311.
- Apart from removing cement and concrete build-up, No-Siment is also able to rapidly dissolve calcium scales and hard water deposits, as well as lime deposits. It is also an efflorescence remover. No-Siment can remove the toughest soils from surfaces, particularly those containing greasy soils.
- Contains low-foam surfactants for easy rinsing.
- No-Siment is comprised of a low corrosion formula that results in no, or below industry allowed metal corrosivity, depending on the application surface, the dwell time of the No-Siment treatment application,

and the version of No-Siment used. Please refer to the below Applications section for further guidance on the use and applicable metal surfaces, for each version of No-Siment.

Technical Data

Property	No-Siment ST	No-Siment M1	No-Siment HS	No-Siment AL
Form	Liquid	Liquid	Liquid	Liquid
Appearance	Light Yellow	Pale Yellow	Pale Yellow	Light Brown
Specific Gravity	1.04 g/cc	1.08 g/cc	1.15 g/cc	1.15 g/cc
Density	8.68 lb/gal	9.01 lb/gal	9.60 lb/gal	9.60 lb/gal
ASTM D-97 Pour Point	-7 °C (19.4 °F)	-15 °C (5 °F)	-17 °C (1.4 °F)	-17 °C (1.4 °F)

Shelf Life

Store tightly sealed containers in a cool, dry area, away from direct sunlight and sources of heat. Optimum performance and best use are obtained within 2 years of date of manufacture.

Applications

No-Siment is the product family or umbrella name for a group of cement and concrete dissolving formulations that each offer unique, and common features, as far as the cleaning or removal of cement is concerned. The differences among the No-Siment formulations are related to the surface type requiring treatment, and the severity of the cement or concrete build-up. **Table 1** below outlines the differences between the formulations.

Listed below are the primary applications for No-Siment:

- No-Siment is specifically designed to soften or dissolve cement, concrete, mortar, or grout build-up, enabling easy removal.
 - It can be used on all types of rolling equipment including cementing trailers (oil & gas), bulk cement trailers, job-site equipment, cement or concrete storage vessels, ready mix trucks, concrete pumping trucks, and other mixing and pumping equipment. It can also be used on tools and form hardware.
 - It can also be used to remove cement or concrete from wood, glass, plastic, rubber, etc.
- No-Siment can remove scale and lime deposits.
- No-Siment can remove efflorescence build-up from surfaces.
- No-Siment can remove the toughest soils from surfaces, particularly those containing greasy soils.

Table 1: No-Siment Formulation Differences and Application Guidelines

No-Siment Version	Level and Type of Build-up	Applicable Surfaces
No-Siment ST	Use on Light Cement, Concrete, Mortar, and Grout build-up. Effective also on Scale Deposits, Lime Deposits, and Efflorescence.	Can be used on any Hard Surface including Carbon Steel, Stainless Steel, Aluminum, Wood, Plastic, and Painted Surfaces.
No-Siment M1	Use on Medium Cement, Concrete, Mortar, and Grout build-up. Effective also on Scale Deposits, Lime Deposits, and Efflorescence. Has a higher removal rate than No-Siment ST.	Can be used on most Hard Surfaces including Carbon Steel, Stainless Steel, Wood, Plastic, and Painted Surfaces. Can be used on 5000 and 6000 series Aluminum. Do not use on 1000 series Aluminum.
No-Siment HS	Use on Heavy Cement, Concrete, Mortar, and Grout build-up. Effective also on Scale Deposits, Lime Deposits, and Efflorescence. Offers the fastest removal rate.	Can be used on most Hard Surfaces including Carbon Steel, Stainless Steel, Wood, Plastic, and Painted Surfaces. Do not use on Aluminum.

No-Siment AL	Use on Heavy Cement, Concrete, Mortar, and Grout build-up. Effective also on Scale Deposits, Lime Deposits, and Efflorescence. Offers the fastest removal rate.	Can be used on most Hard Surfaces including Carbon Steel, Stainless Steel, Wood, Plastic, and Painted Surfaces. Can be used on 5000 and 6000 series Aluminum. Do not use on 1000 series Aluminum.
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Directions for Use

Please adhere to the below usage guidelines. It is important that No-Siment be used only as directed.

1. Prior to use and prior to beginning full-scale cleaning operations, spot test with No-Siment in a noncrucial area. Testing confirms cleaning effectiveness on the surface to be treated and may give an indication of an effective surface contact time, as well as any potential for an adverse reaction with the treatment. Allow spot tested areas to dry thoroughly before evaluating final appearance and results.
2. If you are cleaning equipment on concrete, cover or wet the concrete surface first before using No-Siment. Water dilutes No-Siment, therefore, if it gets on an unintended surface, apply a volume of water to dilute and wash No-Siment away.
3. Loose cement, concrete, grout, or mortar should be removed from the application surface first, prior to applying No-Siment, leaving only the stuck-on material you intend to remove.
4. Use No-Siment undiluted and apply the product directly to surfaces that are dry. Do not pre-wet equipment or tools with water prior to using No-Siment. Cementitious surfaces should be completely saturated with the product. No-Siment can be applied using a Sprayer.
 - a. When applying No-Siment to rolling equipment, apply the product beginning at the bottom, working upwards, a section at a time.
5. Allow adequate contact time / dwell time for No-Siment to be effective, and for it to remove heavy buildup. The degree of material build-up will dictate the contact time / dwell time, and whether additional treatments will be required. See **Table 2** below for contact / dwell time guidelines.
 - a. To facilitate saturation of cementitious surfaces, if during the contact / dwell period No-Siment evaporates, reapply the product to reactivate its action until the cement, concrete, etc., has softened, dissolved, or is released from the surface.
 - b. Hand tools with severe material buildup, may require soaking in the No-Siment formulation.

Table 2: No-Siment Formulation Contact / Dwell Time Guidelines

No-Siment Version	Contact Time / Dwell Time Guidelines
No-Siment ST	Saturate cementitious surfaces for at least 45 mins. No-Siment ST can be left on any hard surface for as much as 24 to 48 hours.
No-Siment M1	Saturate cementitious surfaces for at least 45 mins. No-Siment M1 can be left on most hard surfaces for as much as 24 hours. For 5000 and 6000 series Aluminum surfaces, use a maximum contact / dwell time of 4 hours.
No-Siment HS	Saturate cementitious surfaces for at least 45 mins. No-Siment HS can be left on most hard surfaces for as much as 24 hours. Do not use on Aluminum surfaces.
No-Siment AL	Saturate cementitious surfaces for at least 45 mins. No-Siment M1 can be left on most hard surfaces for as much as 24 hours. For 5000 and 6000 series Aluminum surfaces, use a maximum contact / dwell time of 4 hours.

Note: Do not soak "metal" cement or concrete mixing tanks with No-Siment.
Regular hand tools can be soaked in No-Siment for as much as 24 hrs.

6. Rinse the entire treated surface and all areas where No-Siment could have fallen onto or may have collected. Rinse with cold water using a high-pressure washer (1000 – 3000 psi), working from the bottom up.
7. Repeat the above steps if necessary, however, be mindful of the contact time / dwell time guidelines. For example, when using No-Siment on 5000 and 6000 series Aluminum surfaces, do not exceed the maximum contact / dwell time.

Refer to the relevant No-Siment SDS for additional information and precautions. Proper protective equipment is always required when working with any type of chemical cleaner.

Packaging

No-Siment is packaged in either 5-Gallon Pails, 55-Gallon Drums, or 275-Gallon Tote Tanks.

Health & Safety

Please refer to Safety Data Sheet (SDS) for complete health and safety information.

The information contained in this technical data sheet is to be used as a guide for the selection and use of the No-Siment group of products. We are not responsible for any use not recommended.

All statements, information, and data given herein are believed to be accurate, but are presented without warranty, expressed, or implied. Statements concerning possible use are made without representation or warranty that any such use is free of patent infringement and is not a recommendation to infringe on any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. Any determination of the suitability of a particular product for any use contemplated by the user is the sole responsibility of the user.