



TRAIN EXTERIOR



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CLEANING

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REMOVE
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REMOVE
SHADOW



BLUE & GREEN CLEANING SOLUTIONS

Blue & Green AB | Phone. + 46 418 399 000 | E-mail: info@blueandgreen.se | www.blueandgreen.se

We are proud to be able to offer a complete and Swedish-made range for clean and fresh trains.
The products for train cleaning are tested and approved according to current regulations from the leading train manufacturers.

Current and complete Safety Data Sheets with information about warning labels and protective equipment are available at <https://blueandgreen.se/en/msds>

Use prescribed personal protective equipment



Eyewash facilities should be readily available at the workplace. For further information and first aid instructions, see the specific safety data sheet.
Always follow the information on the product label.

Complete eco-labeled washing range

A major problem when it comes to train cleaning is brake dust. For this we recommend Train Wash Oxal, a concentrated acidic cleaning agent based on oxalic acid, which can be used in automatic car washes. Nordic Ecolabelled.

To remove oil, dirt, grease and insects, we recommend either Nordic Ecolabelled Eco Wash Green or our classic Super Wash Green Glans.

If the washing process needs to be supplemented with special products such as foam, brush shampoo, high-alkaline products, there are of course eco-labelled ones in our offer.

Graffiti and tags

Graffiti is a problem and should preferably be cleaned up as soon as possible. It can be large surfaces on the outside of trains or in the form of smaller tags on floors, walls or seats on the inside.

We offer products for graffiti removal on the outside of trains/metro and which are approved by leading train manufacturers. There are both thin-liquid and thixotropic variants.

Interior cleaning and coating

We offer products for interior cleaning and protection. It can be for daily cleaning that meets the requirements for Nordic Ecolabel cleaning, or special products that protect and facilitate cleaning for a long time to come. For this, we have a series of coating products for different surfaces.

3-step method

With our proven 3-step method you clean, remove graffiti and protect surfaces in an effective and gentle way.

We hold training courses in our 3-step method, get in touch if you are interested!



ECO Ultra Shine



Danger. Causes serious eye damage.

The product works excellently as a brush shampoo in washing facilities for various types of vehicles.

How-to

Machine wash

- Place the product at the Dosage pump of the automatic washing machine.
- Adjust the Dosage on the machine and start the program.

Manual

- Apply with a sponge
- Leave to work for 3-5 minutes
- Do not let the product dry on paintwork and windows
- Rinse with water
- Do not wash in strong sunlight

Dosage

The product must be diluted with water
Consumption 1-1.3 cl/ meter

Art.nr 506005 – 5L
506025 – 25L
506200 – 200L

Eco Wash Green



Danger. Causes severe skin burns and eye damage.

Eco-labeled cleaning agent for cleaning surfaces on trains, metros and trams. The product is water-based and effectively dissolves oil, soot and other types of contaminants found on trains.

How-to

Machine wash

- Place the product at the Dosage Pump of the automatic washing machine.
- Adjust the Dosage on the machine and start the program.

Manual

- Apply the product with a brush, sponge, cloth or low-pressure sprayer.
- Let the product work for 1-10 minutes depending on the degree of soiling and the outside temperature.
- If necessary – treat the surface with a brush or sponge.
- Then wipe or rinse the surface thoroughly with clean water.

Dosage

The product should be diluted with water.
Consumption 50-70 cl /meter

Instructions: Never apply to hot surfaces and prevent drying. Use caution on repainted and sensitive metal and plastic surfaces. Test wash recommended.

Art.nr. 9801001 – 5L
9801002 – 25L
9801003 – 200L
9801005 – 600L
9801004 – 1000L

ECO Wash Yellow



Danger. Causes severe skin burns and eye damage.

Eco Wash Yellow is used as a special cleaner for the front to remove insects, Eco Wash Yellow is also suitable for carcass decontamination. The product should be diluted with water.

How-to

Machine wash

- Place the product at the Dosage Pump of the automatic washing machine.
- Adjust the Dosage on the machine and start the program.

Manual

- Use warm water for best results.
- Be careful with painted, varnished and aluminum surfaces.

NOTE! Do not allow product to dry on surface.

Dosage

Dilute with water
Manual Cleaning 5-10%
Working time max 15 min

NOTE! Never apply to hot surfaces and prevent drying. Use caution on repainted and sensitive metal and plastic surfaces. Test wash recommended.

Art.nr. 422025 – 25L
422200 – 200L
422700 – 1000L

Train Wash Oxal



Danger. Causes severe skin burns and eye damage.

Low PH cleaner for train carriages, locomotives, trams and metro trains, trucks and other vehicles. The product is a water-based cleaner that effectively dissolves brake dust and dirt (iron oxide).

How-to

Machine wash

- The product is dosed according to machine type and exposure time from 5% to 20% or according to needs and type of cleaning.
- This is adjusted by technicians on the machines.

Manual

- Manual cleaning is dosed from 10% > adapt to what is to be cleaned, exposure time from 5 min.
- Work the surface with a brush and then rinse with water.
- Should be stored frost-free.
- Do not let the product dry on the surface.

Dosage

The product should be diluted with water. Consumption 50-70 cl /meter

NOTE! Never apply to hot surfaces and prevent drying. Use caution on repainted and sensitive metal and plastic surfaces. Test wash recommended.

Art.nr. 457025 – 25L
457200 – 200L
457600 – 600L
57700 – 1000L



Eco Shine 'n Dry



Warning.
Causes serious eye irritation.

Rinse and drying agent for car, bus, truck and train wash systems. Used in automatic car washes and DIY washes as rinse wax and spray wax. Provides a dry and water-repellent surface.

How-to

When used in automatic washing facilities, Dosage should follow the machine manufacturer's recommendations.

Machine wash

- Place the product at the Dosage pump of the automatic washing machine.
- Adjust Dosage according to the machine manufacturer's recommendations.
- Before application, the surface should be rinsed of shampoo and degreaser.

Dosage

From 0.5 to 1% or as needed.
Consumption 0.8-1.2 cl/meter

Store above 5 degrees

Art.nr. 259006 – 5L
259026 – 25L
259201 – 200L



Method description

Exterior graffiti removal Bus/Train/Tram

Removing Spray Paint and Marker

- Apply **Graffiti Remover Train N** with a brush, brush or syringe and let the product work for 5–15 minutes depending on the nature of the graffiti.
- Then rinse off the graffiti with a hot water cleaner that is adjusted to a maximum water temperature of 55 degrees. Also remember not to run the high-pressure cleaner with too high a pressure as this can damage any foiling.

Removing Spray Paint and Marker in low temperature

- Apply **Graffiti Remover Train N** with a brush, brush or syringe and let the product work for 5–15 minutes depending on the nature of the graffiti.
- Remove the dissolved graffiti residues with a soft rubber scraper, collecting the waste in a bucket or on absorbent mats. Finally, apply Glass Cleaner to remove any remaining chemical residues and wipe the surface clean with a microfiber cloth.

Graffiti on a small area

- If the graffiti is limited to a small area, the product **Graffiti Remover** is recommended instead, packaged in a 500 ml trigger bottle.
- Then let it work for 1–5 minutes and then wipe off the dissolved paint with a clean and absorbent cloth.

Sprayed with black bitumen

- If the nature of the graffiti is sprayed with black Bitumen/ Tectyl paint, the product **Graffiti Remover Tectyl M** works better instead than with the above alternatives.
- Leave on for 5–15 minutes and then follow the same pattern as above depending on the size of the graffiti area and access to a washing unit.

Shadows remaining on the paintwork

- On rare occasions, shadows may remain on the paintwork despite using the above products. This can happen if the graffiti has been on the vehicles for a long time. If this happens, we recommend applying the product **Ink Remover Shadow Gel**.
- Leave it on for 2-3 minutes and then follow the same procedure as above to remove the dissolved shadow color.

Collecting chemical and paint residues

- We recommend using absorption mats when cleaning graffiti to collect chemical and paint residues. Using absorption mats prevents chemicals and paint from ending up in wells and burdening the treatment plants more than necessary.
- The collected chemical residues, including the absorption material, should then be handled as hazardous waste.

After graffiti removal

Always neutralize the surface(s) where graffiti removal has been carried out to minimize the risk of residual active chemicals that could otherwise damage the substrate. We recommend using **Eco Wash Green** products in a 5-10% solution. An easy way is to do a traditional wash of the entire vehicle after removal.



Graffiti Remover Train N



Not Classified

Thickened graffiti remover used to remove graffiti on the exterior of trains, metros and trams.

How-to

- Apply the product with a brush or paintbrush.
- Apply in sections and do not apply too many m² as the product risks drying in. Approximately 10-30 m² is recommended depending on the weather and temperature.
- Let the product act for 5 - 15 minutes depending on the nature of the graffiti.
- Work the surface with a brush or paintbrush to ensure that the paint is dissolved. White, non-scratch scouring nylon can be used to work and remove any "paint drops" from spray graffiti.
- Then rinse the surface thoroughly with a soft brush with running water or a hot water high-pressure cleaner and low pressure.

- In the case of thick layers of graffiti, it may be necessary to repeat the treatment and in the case of a lot of Tectyl graffiti, it may be necessary to use **Graffiti Remover Tectyl M**.

NOTE!

- Never apply to a hot surface and prevent drying.
- Exercise caution on repainted and sensitive metal and plastic surfaces.
- Test wash recommended.

Dosage

The product is used concentrated. Consumption approx. 0.3 – 0.5 liters/m². Stir/shake before use.

Art.nr. 383005 – 5L
383010 – 10

Graffiti Remover Tectyl M



Warning. Causes serious eye irritation.

Used to remove tectyl spray graffiti from both hard smooth surfaces and absorbent surfaces.

How-to

- Apply the product with a brush, brush or low-pressure sprayer.
- Let the product work for 5 - 15 minutes depending on the material and the nature of the graffiti.
- Work the surface with a brush or paintbrush to ensure that the tectyl is dissolved.
- Then rinse the surface thoroughly with a hot water high-pressure cleaner and adjust the pressure to the facade.

NOTE!

- Never apply to a hot surface and prevent drying.
- Use caution on repainted and sensitive metal and plastic surfaces.
- A test wash is recommended.

Dosage

The product is used concentrated. Consumption approx. 0.1 - 0.3 liters/m².

Art.nr. 339010 – 10L
339200 – 200L



Graffiti Remover Train F



Not Classified

Used to remove graffiti from the exterior of trains, metros and trams.

How-to

- Apply the product with a brush or paintbrush.
- Apply in sections and do not apply too many m² as the product risks drying in. Approximately 10 - 30 m² is recommended depending on the weather and temperature
- Let the product act for 5 - 20 minutes depending on the nature of the graffiti.
- Work the surface with a brush or paintbrush to ensure that the paint is dissolved. White, non-scratch scouring nylon can be used to work and remove any "paint drops" from spray graffiti.
- Then rinse the surface thoroughly with a soft brush with running water or a hot water high-pressure cleaner and low pressure.

- In the case of thick layers of graffiti, it may be necessary to repeat the treatment and in the case of a lot of Tectyl graffiti, it may be necessary to use **Graffiti Remover Tectyl M**.

NOTE!

- Never apply to a hot surface and prevent drying.
- Exercise caution on repainted and sensitive metal and plastic surfaces.
- Test wash recommended.

Dosage

The product is used concentrated.
Consumption approx. 0.1 – 0.3 liters/m².

Art.nr. 380010 – 10L
380700 – 1000L

Graffiti Remover Blue N



Warning.

Causes skin irritation.
Causes serious eye irritation..

Thixotropic graffiti remover used to remove graffiti from the exterior of trains, metros and trams.

How-to

- Apply the product with a brush or paintbrush.
- Apply in sections and do not apply too many m² as the product risks drying in.
- Approximately 10 - 30 m² is recommended depending on the weather and temperature.
- Let the product act for 5 - 20 minutes depending on the nature of the graffiti.
- Work the surface with a brush or paintbrush to ensure that the paint is dissolved. White, non-scratch scouring nylon can be used to work and remove any "paint drops" from spray graffiti.
- Then rinse the surface thoroughly with a soft brush with running water or a hot water high-pressure cleaner and low pressure.

- In the case of thick layers of graffiti, it may be necessary to repeat the treatment and in the case of a lot of Tectyl graffiti, it may be necessary to use **Graffiti Remover Tectyl M**.

NOTE!

- Never apply to a hot surface and prevent drying.
- Exercise caution on repainted and sensitive metal and plastic surfaces.
- Test wash recommended

Dosage

The product is used concentrated.
Stir/shake before use
Consumption approx. 0.1 – 0.3 liters/m².

Art.nr. 332010 – 10L



Ink Remover Shadow



Danger. Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Graffiti remover with shadow removal effect for removing difficult-to-remove ink and aniline graffiti on laminate, hard painted surfaces, galvanized cabinets, etc.

How-to

- Apply the product with a cloth and try to wipe off the graffiti immediately by working in small circular movements
- Wipe/rinse the surface thoroughly with water or with a glass cleaner.
- For more difficult graffiti, let the product act for 2 - 3 minutes and work the surface with a cloth to ensure that the paint is dissolved - wipe/rinse the surface thoroughly with water or a glass cleaner so that the product stops acting on the underlying material.

NOTE!

- Never apply to a hot surface and prevent drying.
- Use caution on repainted and sensitive metal and plastic surfaces.
- Test washing is recommended.

Dosage

- The product is used concentrated.
- Consumption approx. 0.1 - 0.3 liters/m².
- Stir/shake before use.

Art.nr. 3831005 – 5L
3831025 – 25L

Ink Remover Shadow Gel



Danger. Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Used to remove difficult-to-remove ink and aniline stains on laminate, hard painted surfaces, galvanized cabinets, etc.

How-to

- Apply the product with a cloth and try to wipe off the graffiti immediately by working in small circular movements
- Wipe/rinse the surface thoroughly with water or with a glass cleaner.
- For more difficult graffiti, let the product act for 2 - 3 minutes and work the surface with a cloth to ensure that the paint is dissolved - wipe/rinse the surface thoroughly with water or a glass cleaner so that the product stops acting on the underlying material.

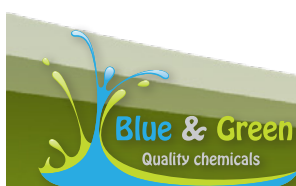
NOTE!

- Never apply to a hot surface and prevent drying.
- Use caution on repainted and sensitive metal and plastic surfaces.
- Test washing is recommended.

Dosage

- The product is used concentrated.
- Consumption approx. 0.1 - 0.3 liters/m².
- Stir/shake before use.

Art.nr. 3831004 – 1L
3831006 – 5L



Cleaning / Graffiti / Shadow

| Property ▼ | Product ▶ | | | | | | | | | | |
|----------------|-----------------|----------------|-----------------|-----------------|------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------|------------------------|
| | ECO Wash Yellow | ECO Wash Green | Train Wash Oxal | ECO Ultra Shine | ECO Shine 'n Dry | Graffiti Remover Blue N | Graffiti Remover Tectyl M | Graffiti Remover Train N | Graffiti Remover Train F | Ink Remover Shadow | Ink Remover Shadow Gel |
| Insects | • | • | | | | | | | | | |
| Brake dust | | | • | | | | | | | | |
| Brush shampoo | | | | • | | | | | | | |
| Drying agent | | | | | • | | | | | | |
| Soot | | • | | | | | | | | | |
| General dirt | | • | | | | | | | | | |
| Ink | | | | | | | | | | • | • |
| Spray paint | | | | | | | • | • | • | | |
| Aniline | | | | | | | | | | • | • |
| Bitumen/Tectyl | | | | | | | • | | | | |
| Gel | | | | | | • | | • | | | • |
| Thin | | | | | | | • | | • | • | |
| Foils | | | | | | | | • | • | • | • |



Experts in cleaning agents for the professional market

We have one of the market's widest product ranges – and with many years of experience in both development, production and sales of effective cleaning products – which we sell to the European market. The head office is in Sweden, with sales offices in Denmark and Norway as well as an extensive network of dealers.

Philosophy

Blue & Green aims to deliver products of the highest quality at the right price - with the least possible environmental impact. We have a great focus on the environmental impact when we develop and produce our product range. It is important to us that our products are efficient in our customers application with the least environmental impact.

That is why we have several different environmental labels on a large part of our products and that we are ISO certified. At the same time we are connected to the Swedish circular packaging system, as we think it is crucial to recycle our packaging so that our products impact to the environment has as little impact as possible.

More information about our products

Read more about our products on our website

<https://blueandgreen.se/en/produkter/>



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