

ECOPOINT

TECHNICAL DATA SHEET

By nature,
for life





Eco-Point Group

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TECHNICAL DATA SHEET

Raileco 105 NF. Special foam cleaner for the cleaning of trains, trams, subways and busses. A unique formulation through the combination of surfactants, complexing agents and solvency booster.

General Description

Raileco 105NF is specially developed for rail guided vehicles to remove dirt from carriages. Due to the foaming character Raileco 105NF is easy to apply. With a small value you can clean a large area and foam also prolongs the contact time. An optimal result will be achieved due to the combination of foam, solvency booster and metal complexing agents.

The Problems

Mainly, in urban areas trains, trams, buses and metros get polluted by atmospheric staining pollution. Besides the atmospheric pollution metal parts like copper and iron often cause a soiled look. These particles emitted due to mechanical wearing of rails, power cables, pantographs and brakes etc. Often, products will be used based on harmful substances as NTA or hydrofluoric acid. Acetous cleaners often lead to corrosion, particularly if they are not rinsed (off) properly.

The Answer

Raileco 105NF is a powerful, concentrated degreaser, for places where metros, trams, busses and trains will be cleaned either manually or with foam equipment. Besides a good cleaning result corrosion will be prevented without the use of NTA or hydrofluoric acid or other aggressive acids. Raileco 105NF is especially developed to achieve that "new look" for the carriages but Raileco 105NF is also suitable for periodical cleaning (monthly/ weekly/ daily).

Special Features

- Raileco 105NF is fully biodegradable due to a special selection of components
- Raileco 105NF is water dilutable
- Raileco 105NF contains metal complexing agents based on natural raw materials
- Raileco 105NF can be foamed and therefore prolong the contact time
- Raileco 105NF has corrosion-preventing qualities
- Raileco 105NF is not corrosive and therefore safe in use
- Raileco 105NF contains a readily biodegradable solvency booster
- Raileco 105NF does not contain NTA, phosphate, hydrofluoric acid or EDTA and does not adversely affect the water treatment

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Typical Applications

- Cleaning of locomotives
- Cleaning cars, busses, trams, trains and subways
- Removal of metal parts other than corrosion
- Removal of atmospheric pollution
- Refreshing of plastics and rubbers (first test for a resistance)
- Degreasing paintwork

Remarks

Before using on aluminum, test on a small area first. In high dosage, Raileco 105NF may cause matting to paint. Rinse with water or remove using a wet sponge.

Method of use

Raileco 105NF contains natural surface active components that decrease the surface tension of the cleaning solution to such extent that it even penetrates the hair cracks deeply, which results in cleaning them too.

Raileco 105NF emulsifies this pollution, although temporarily. So when an oil separator is used, the oil and pollution will separate from the cleaning solution.

In general, Raileco 105NF will be processed by using a foaming system. Dilute this product several times (depending on the dilution this can vary between 2% and 50%).

Due to a correct ratio between air and product a solid foam can be achieved and form therefore a better adhesion and contact time. (see also the details of the foam equipment)

In case of vertical surfaces, always apply the foam from bottom to top, leave to soak, (support by brushing), afterwards always rinse with clean water. Contact time varies from 1 till 45 minutes.

Note: Don't let the foam get dry and don't use this product in full sun, this can cause staining.

Packing

Eco-Point International products are packed in polyethylene H.D. or metal drums. When repeat orders are being delivered, used drums which are empty and not polluted are collected free of charge for recycling or reconditioning purposes. When incinerated, polyethylene has no harmful effect on the environment.

Eco-Point sprayers are made of PE or PET: light weight, little raw material per bottle, low production energy consumption, virtually unbreakable and therefore long life, little waste during production and recycling, no harmful substances when incinerated, 100% recyclable.