



REF: FG999
ISSUE DATE: 12/01/2024
REV: 02

TECHNICAL DATA SHEET

FEDGUARD 999

DESCRIPTION

FedGuard 999 is a highly concentrated cleaning agent & rust inhibitor for all types of substrates.

It will remove visible contaminants such as oil, grease and dirt, and also non-visible surface contaminants such as chlorides, phosphates, sulphates & nitrates (salts).

It evaporates and leaves no residue or film on the substrate and has very good corrosion inhibition properties, guarding against surface/flash rust between substrate preparation phase and paint application.

PRINCIPLE USES

FedGuard 999 in diluted form is intended as a rust inhibitor for prepared steel substrates following mechanical cleaning or grit blasting to prevent flash rust from forming prior to application of coatings or linings.

It is also typically used as:

1. a de-greaser prior to surface preparation
2. a rust inhibitor after surface preparation
3. a salt remover
4. a salt flush solution

FedGuard 999 can be used all types of substrates including mild steel, concrete, stainless steel, bricks, plastered buildings etc. prior to paint or lining applications.

PRODUCT DATA

Description

Colour and appearance
Surface residue
Dilution in coastal areas
Dilution in inland areas
Hazardous chemicals
Biodegradable
Pack Sizes
Shelf Life

Results

Clear liquid
None
50 : 1 (Potable water)
Up to 100 : 1 (Humidity dependent)
None
Yes
1lt & 5lt
36 months

ADVANTAGES

- Easily applied by hi-pressure washing, wet/hydro blasting, UHP blasting or spray application
- Excellent resistance to rust and corrosion formation
- Economical to use and good value for money when diluted correctly
- Non-hazardous and bio-degradable
- Non-flammable and water soluble
- Colourless and evaporates leaving no surface residue
- All soluble salts including chlorides are undetectable after use

When metal or concrete surfaces are cleaned with normal emulsifiers and other cleaning agents, they must be thoroughly rinsed off with potable water so as not to leave a soapy residue which can cause problems with coating adhesion. **FedGuard 999** leaves no surface residue as it evaporates rapidly after application, leaving the surface clean and dry, ready to be primed or painted. **FedGuard 999** is safe to use on all surfaces when diluted as recommended. Can be used on natural and previously painted surfaces.

LIMITATIONS

- Application temperatures between 5°C and 40°C.
- Not suitable for application in rainy conditions.
- Avoid excessive application and/or dosing.
- Avoid contact with eyes.
- Poor quality water can affect performance

STORAGE AND STABILITY

FedGuard 999 has a shelf life of 36 months when stored in unopened containers in a cool, dry place. Failure to do so will result in a reduction of shelf life. Do not store below -3°C

SAFETY AND HANDLING

FedGuard 999 contains chemicals. If exposed, eyes should be well flushed with water for 15 minutes and medical attention must be sought.

Applicators and operators must use the appropriate PPE when using this product. The safety procedures applicable to the handling of chemical materials should be read, understood and adhered to.

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