

Toilet Cleaner & Descaler

Overview

A unique bio-based, descaling toilet cleaner combining a widely approved biocide. Suitable for cleaning, descaling, inhibiting scale formation and sanitizing toilets and washrooms. Reduces build-up of both inorganic and organic scale in the black water systems and helps control malodour

Product Description

Toilet Cleaner and Descaler (TCD) is a unique product for cleaning and maintaining toilet and black water systems on trains and in stations. The product combines an excellent moderately acidic, bio-based cleaning chemistry with scale prevention and scale removal technology.

In addition, TCD contains a widely approved antimicrobial agent to offer an additional level of biosecurity to passengers and crew. The active antimicrobial ingredient is supported under the EU Biocidal Product Regulations for product type 2 (incl. toilet cleaners), registered by the US EPA and is approved for the Design for the Environment (DfE). It is also registered as a preservative for detergents at the Bra Miljöval in Sweden and has a generally Regarded as Safe (GRAS) status.

The active ingredient has a dual-action antibacterial mechanism and passes EN1276. It is also active against many common viruses and passes EN14476 at the in use concentrations.

The above performance requires the use of specific surfactants at a pH of between 3-4. The product pH is between these levels and in use the descaling action causes the pH to rise to a level downstream of the toilet where its biocidal action ceases. When black water enters the sewage treatment system it will not affect performance. The formulation is readily biodegradable.

Features and Benefits

Features	<ul style="list-style-type: none"> • Effective toilet cleaner with built in descaling technology • Suitable for use in all train sanitary and sewage treatment systems • Low foaming for maximum vacuum system efficiency • Bio-based and readily biodegradable • The active ingredient is registered as a disinfectant/biocide • Safe for the environment • Can be used with most common materials such as stainless steel, brass, copper, PVC, polyethylene and polypropylene
Benefits	<ul style="list-style-type: none"> • Cleans and sanitizes with one product • Reduces scale prevention chemistry reduces inorganic scale build-up • Reduces both organic and inorganic build-up in sewage pipes, particularly in low water usage applications. • Reduced build-up means lower odours • Inactivated prior to entry into the sewage treatment plant and will have no effect on the biomass nor operations • Easy to use from the angle neck bottle

Application/Directions for Use

Suitable for both vacuum toilet systems and gravity fed toilet systems, urinals, and showers:

Flush toilet bowl, squeeze a small amount of TCD around the bowl surface. Allow a short contact time while the outer surfaces of the toilet are cleaned. Clean bowl surface thoroughly with toilet brush before flushing again.

For urinals activate flush if possible. Squeeze a small amount of TCD over the urinal bowl surface allow a short contact time whilst cleaning the outer surfaces of the urinal. Thoroughly brush surface and rinse or activate auto flush again.

For showers and baths use as above (preferably from a trigger sprayer). After cleaning, squeeze a small amount of TCD directly down the waste pipe and leave to soak.

Packaging

15x750ml angle neck bottle/case



GNC Marine Ltd
Unit 11, Empire Business Park
Parcel Terrace
Derby
DE1 1LY
UK
T: +44 (0)1283 221 297
e: enquiries@rumexo.com

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