

YOUR CHEMICAL  
SOLUTION  
PROVIDER



StarMarine  
C H E M I C A L S

# TOILET AND SEWAGE

## Sanitation system treatment and cleaner

- Assists in keeping drains, traps and lines clean and clog free.
- pH neutral and therefore not harmful to the system.
- Used to replace aggressive cleaners.
- Maintains system in optimum operational condition.

## Application

Toilet and Sewage can be applied by slug dosing or metering directly into the sewage tank (i.e. Marine Sanitation Device (MSD), Collection, Holding and Transfer system (CHTS) or other type of holding tank.)

A more convenient method is to apply directly to galley and Sewage facilities (e.g. commodes, sink, shower, and scuppers) as a pH neutral cleaner to replace harsh acid, caustic and bleach based products which are all highly harmful to the normal operation of any biological system:

Toilet and Sewage performs within a pH range of 5.5-8.5 and a temperature range 10-44°C. Extremes of pH and temperature, as well as wide shifts in either parameter over a short period of time should be avoided.



StarMarine  
C H E M I C A L S

Bunschotenweg 134 - 3089KC Rotterdam - Harbournumber 2696 - The Netherlands  
Tel: +31(0)105925831 Mob: +31(0)643065133 e-mail: [info@starmarine.nl](mailto:info@starmarine.nl)  
VATnr. NL859322968B01 Chamber of Commerce: 73019704

## **Directions for use**

1. Start up dosage of 1 ltr of Toilet and Sewage per 1.000 ltr of tank capacity should be added directly to the holding tank and allowed a minimum of 24 hours after this initial application for the system to become properly activated.
2. Additions should be made daily if used as a tank cleaner in amounts of 0,25 litre per 1.000 litres of additional liquids.
3. When used as a cleaner about 100 ml of product should be applied to each bowl, sink and drain in the same manner as with any janitorial type cleaner. Note: When used as a cleaner, Toilet and Sewage will achieve the maximum results partly due to eliminating line blockage

## **Physical properties**

- Appearance : transparant
- Odeur : lightly perfumed
- Completely soluble in water
- Environmentally safe, completely biodegradable.
- Minimum aerobic bacterial count 10 billion/litre
- Shelf life : 1 year
- Flash point : none
- pH Range : 5.5 - 5.8

## **Storage**

- Store in cool, dry place
- Keep container closed when not in use.

*For detailed information on safety and health, please refer to Material Safety Data Sheet and / or Product label.*

Star Marine is a specialist chemical manufacturer and any directions for the use and application of its chemicals are provided in good faith. This information is based on experience and research but is not intended to be a definitive statement for the use of the chemical or to be taken as complete process advice. While the company, its management and employees will share what knowledge they have and make recommendations, this information can never give rise to liability or consequential damage from third parties. Any information provided regarding the chemical does not exempt the customer from examining the product and its directions for use to determine the suitability themselves for its intended purpose.