

Divosan TC 86

Chlorinated detergent disinfectant
for hard water

VS8



Divosan[™]



Diverflow[™]

Divosan TC 86 is a low foaming, chlorinated alkaline detergent disinfectant for CIP and spray washing use in the food, beverage and dairy industries.

Key properties

Divos TC 86 contains a blend of caustic alkali, sodium hypochlorite and organic sequestrants / threshold agents. This combination of ingredients provides excellent soil and stain removal properties for use in hard water conditions. It also provides a highly effective disinfectant action against all types of micro-organisms including bacteria, yeasts, fungi, spores and viruses.

Divosan TC 86 is recommended as a single stage cleaner and disinfectant for use in a wide range of CIP and spray washing applications. It is used in brewing and beverage plants for cleaning fillers, sugar/syrup tanks, open vessels, yeast handling and filtration equipment. It can also be used in bars and restaurants for beer line cleaning. It is also used in dairies for cleaning milk reception areas and in food processors for general CIP of equipment and drain cleaning.

Divo TC 86 is low foaming and is suitable for use with a variety of CIP and spray washing equipment.

Benefits

- ▶ Broad spectrum disinfectant action.
- ▶ Highly efficient in the removal of organic materials including food soils stains and off-flavours.
- ▶ Low foaming under conditions of high turbulence, improves cleaning efficiency.
- ▶ Free rinsing, minimises water usage.
- ▶ Cost-effective for use in hard water.

Divosan TC 86 VS8 Use Overview

Directions for use

Use Divosan TC 86 at concentrations between 2 - 4% w/w (1.6 - 3.2 v/v) depending on the type and degree of soiling. Always rinse thoroughly after use. For specific details, please refer to individual method cards.

Technical data*

Description	
Appearance	Clear pale yellow liquid
pH (1% solution at 20°C)	11.5 - 13.5
Chemical Oxygen Demand (COD)	20 gO ₂ /kg
Nitrogen Content (N)	none
Phosphorous Content (P)	2 g/kg

Divosan TC 86 [% w/w]	Specific conductivity at 25°C [mS/cm]
0.5	4.0
1	7.8
2	14.9
3	21.8
4	28.6
5	34.4

* The above data is typical of normal production and should not be taken as a specification

Safe Handling and Storage Information

Store in original closed containers or (where applicable) in an approved bulk tank, away from sunlight and extremes of temperatures.

Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Testing procedure

Reagents 0.1 N Hydrochloric or sulphuric acid.
0.1 N Sodium thiosulphate.
Phenolphthalein Indicator.

Procedure Add approximately 10 ml of 0.1N Sodium thiosulphate to 10 ml of test solution, mix well and allow to stand for about 30 seconds. Add 2-3 drops of indicator solution and titrate with acid to a colourless end point.

Calculation % w/w Divosan TC 86 = titre (ml) X 0.36
% v/v Divosan TC 86 = titre (ml) X 0.30

Packaging

25 Kg

Microbiological data

EN 1276 : passed at 1.5% dilution in hard water (300ppm as CaCO₃), low soil (0.3% bovine albumin), 5 minutes contact time.

EN 1650 : passed at 1% dilution in hard water (Candida albicans) (300ppm as CaCO₃), low soil (0.3% bovine albumin), 15 minutes contact time.

EN 13967 : passed at 4% dilution in hard water (300ppm as CaCO₃), low soil (0.3% bovine albumin), 5 minutes contact time.

Product compatibility

Divosan TC 86 when applied at the recommended concentration and temperature is suitable for use on the grades of stainless steel commonly found in the processed food industry. It is unsuitable for use on cuprous materials and on soft metals such as aluminium. Always rinse surfaces after use (within 1 hour). In the event of uncertainty, it is advisable to evaluate individual materials before any prolonged use.



DANGEROUS TO ENVIRONMENT



CORROSIVE

For More Information

Please contact your local Diversey representative.

Diversey India Pvt. Ltd.

501, 5th Floor, Akruti Centre Point, MIDC Central Road, Andheri (East), Mumbai 400 093. INDIA

Tel.: +91 22 6644 4222, Fax: +91 22 6644 4223

Toll Free No.: 1800 209 2095 • Website: www.diversey.com

Only for professional users / specialists. The manufacturer guarantees the quality of this product. Application recommendations are based on tests and practical experience; the manufacturer declines all responsibility for damages from improper product use.