



## Terminal disinfectant for open plant applications with reduced environmental impact

### Description

Divosan Suredis is a high-performance, terminal disinfectant suitable for open plant cleaning applications throughout the food, beverage and dairy industries. The ingredients used in Divosan Suredis are carefully selected for reduced environmental impact.

### Key properties

- Divosan Suredis is based on a blend of surface-active biocide, surfactant, alkaline builders and sequestering agents. This unique formulation provides excellent disinfectant activity against most vegetative forms of micro-organisms including gram-positive and gram-negative bacteria and yeasts. Additionally, it uses ingredients specifically selected to reduce environmental impact on water treatment systems and has a lower Chemical Oxygen Demand (COD) than most other disinfectants in its class.
- Divosan Suredis is recommended for application in all open plant cleaning processes. It should be applied after surfaces have been thoroughly cleaned and rinsed. It can be used for disinfecting floors, walls, utensils and other food preparation equipment and is suitable for use in meat and poultry processors, snack foods, dairies, beverage plants and most other types of food processing operations.
- Divosan Suredis is ideal for application in high-care areas.
- Divosan Suredis is suitable for manual, soak or spray application and for fogging use.

### Benefits

- Highly effective terminal disinfectant for food industry use.
- Reduced environmental impact especially for treatment of waste-water.
- Non-corrosive.
- Free-rinsing.
- Non-tainting, use on food contact surfaces.
- Effective in soft or hard water.

### Use instructions

Use Divosan Suredis at concentrations between 0.5-2% v/v depending on application. Always rinse thoroughly after use. For specific details, please refer to individual method cards.

### Technical data

Appearance: Clear, colourless liquid

pH (1% solution at 20°C): 9.9

Relative density (20°C): 1.08

Chemical Oxygen Demand (COD): 254 gO<sub>2</sub>/kg

Nitrogen Content (N): 6 g/kg

Phosphorous Content (P): None



**Divosan Suredis [% w/w] - Specific conductivity at 25°C [mS/cm]: -**

0.25 - 0.3803

0.5 - 0.754

0.75 - 1.032

1 - 1.334

1.5 - 1.906

2 - 2.404

*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, away from extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

**Product compatibility**

Divosan Suredis is safe for use on the materials commonly found in the processed food industry when applied under the recommended conditions. Always rinse surfaces thoroughly after use. In the event of uncertainty, it is advisable to evaluate individual materials before any prolonged use.

**Test method****Reagents:**

0.1 N Hydrochloric or sulphuric acid and Methyl red indicator

**Procedure:**

Add 1 ml indicator to 100ml of water used to dilute the product. Titrate with acid to a red end point and note the titre = B ml.

Now add 1 ml of indicator to 100ml of test solution. Titrate with acid to a red end point and note the titre = T ml.

**Calculation:**

% v/v Divosan Suredis = (T-B) ml x 0.191

% w/w Divosan Suredis = (T-B) ml x 0.195

**Microbiological data**

EN 1276: passed at 1% (v/v) dilution in water of standardised hardness, low soil (0.03% bovine albumin) and 5 minutes contact time for the test strains Staphylococcus aureus, Enterococcus hirae, Escherichia coli and Pseudomonas aeruginosa.

EN 1650: passed at 0.5% (v/v) dilution in water of standardised hardness, low soil (0.03% bovine albumin) and 15 minutes contact time for the strain Candida albicans.

EN 13697: passed at 1% (v/v) dilution in water of standardised hardness, low soil (0.03% bovine albumin) in 5 minutes for the strains Staphylococcus aureus, Enterococcus hirae, Escherichia coli and Pseudomonas aeruginosa as well as in 15 minutes contact time for the strain Candida albicans.

EN13697 (Campylobacter): passed at 1% dilution in standardised hardness water. Low soil (0.03% bovine albumin) and a 5 minute contact time

EN14476: Adenovirus and Poliovirus passed with a use conc. of 0.15% and 20 min contact time under dirty (BSA + ERY) conditions at 20°C