



## **F&B Diverclean EnduroSafe**

**VE19**

### **Medium alkaline high retention cleaner (Soft Metal Safe)**

#### **Description**

Diverclean Endurosafe is a liquid heavy duty, extended contact, chlorinated alkaline cleaner designed for environmental cleaning in a wide range of food and beverage processing operations.

#### **Key properties**

- Diverclean Endurosafe is a completely new 'Thixofoam' technology. When applied, Diverclean Endurosafe clings to vertical surfaces to provide extended contact time and excellent penetration of stubborn soils.
- Diverclean Endurosafe is well-suited to applications where heavy soiling is encountered: meat plants, poultry processors, fish and vegetable processing plants. It is particularly effective against oily soils and fat deposits.
- Diverclean Endurosafe will provide similar application characteristics and the visibility of a foam detergent. It will also provide the extended retention times and improved cleaning that are characteristic of a gel solution. After the desired contact time, Diverclean Endurosafe foam freely rinses and collapses into drains in a fraction of the time of traditional foams and is generally recognized as soft metal safe.

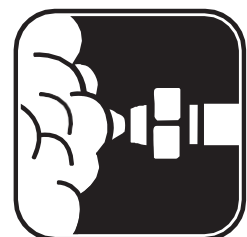
#### **Benefits**

- Extended contact time: eliminates re-application, and provides better cleaning.
- Single application: increases worker productivity; uses less product.
- Fast rinse/collapse: reduces labor, saves time and water, produce less waste water.
- Free rinsing: streak free and shiny surfaces.

#### **Use instructions**

Use Diverclean Endurosafe at concentrations between 4-6% v/v, dependent on the type and degree of soiling.

Diverclean Endurosafe may be applied by soak, spray and foam methods.





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### Technical data

Appearance:	Clear yellow liquid
pH (1% solution at 20°C):	11.1
Relative density (20°C):	1.15
Chemical Oxygen Demand (COD):	91 gO <sub>2</sub> /kg
Nitrogen Content (N):	0.7 g/kg
Phosphorous Content (P):	11.2 g/kg

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

### Safe handling and storage information

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet. Store in original container. Avoid extremes of temperature.

### Product compatibility

Diverclean Endurosafe is designed for use at recommended concentrations on all grades of stainless steel, natural and most synthetic rubbers and plastics. Diverclean Endurosafe is safe on aluminum and or galvanized parts, when used as directed.

### Test method

#### Reagents:

0.1 N Hydrochloric or sulphuric acid  
0.1 N Sodium thiosulfate  
Phenolphthalein indicator

#### Procedure:

Add approx. 10 ml of 0.1 N sodium thiosulfate to 10 ml of the test solution, mix well and allow to stand for about 30 seconds. Add 2-3 drops of the indicator solution and titrate with the acid to a colorless end point.

#### Calculation:

% w/w Diverclean Endurosafe = titre (ml) x 1.64  
% v/v Diverclean Endurosafe = titre ml) x 1.43