

Zoma Thermo HD

Caustic foam cleaner for carbonised soil

Description

Zoma Thermo HD is a highly caustic, alkaline foam cleaner designed for daily and periodic use in very heavy soil areas in the food, beverage and dairy industries.

Key properties

Zoma Thermo HD contains a highly concentrated blend of caustic alkali and surfactants/wetting agents. This blend has been shown to be particularly effective for penetrating and emulsifying heavy carbonised and polymerised soil deposits.

Zoma Thermo HD is recommended for application in areas of tenacious burnt-on soiling, such as oil fryers, ovens and smoke chambers. It may also be used for periodic deep cleaning of trolleys, conveyors and other heavy equipment. **Zoma Thermo HD** is suitable for use with a wide range of foam application equipment.

Benefits

- Very heavy-duty cleaner
- Penetrates and removes even the most tenacious burnt-on soil Also suitable for soak tank cleaning
- Free-rinsing

Use instructions

Use **Zoma Thermo HD** at concentrations between 3-15% v/v depending on the type and degree of soiling. For specific details please refer to individual method cards.

Technical data

| | |
|------------------------------|------------------------|
| Appearance | clear, brown liquid |
| Relative Density at 20°C | 1.42 pH (1% solution) |
| at 20°C | 12.9 |
| Chemical Oxygen Demand (COD) | 65 gO ₂ /kg |
| Nitrogen Content (N) | < 0.3 g/kg |
| (P) | 1.5 g/kg |
| Phosphorous Content | |

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

Product compatibility

Zoma Thermo HD 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 soft metals such as aluminium and galvanised materials. Always rinse surfaces thoroughly after use (within 1 hour).

In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Test method

Reagents:

0.1N Hydrochloric or sulphuric acid
Phenolphthalein indicator

Procedure:

Add 2-3 drops of indicator solution to 5ml of the test solution. Titrate with the acid to a colourless end point.

Calculation:

 $\% \text{ v/v Zoma Thermo HD} = \text{titre (ml)} \times$

0.15

 $\% \text{ w/v Zoma Thermo HD} = \text{titre (ml)} \times$ $0.21 \% \text{ w/w Zoma Thermo HD} = \text{titre (ml)} \times 0.21$ **Available pack sizes**

20 L HDPE

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