

TECHNICAL DATASHEET

EASY DET

Food and beverage / Cleaning of plants and surfaces

Extra low foaming concentrated alkaline detergent

Features

Highly concentrated caustic liquid detergent (30% strong alkali) enriched with dispersants, sequestrants and wetting agents enhancing the cleaning action of alkalinity alone. The synergy of its components allows the achievement of washing performances that cannot be reached with the sole use of caustic soda or other alkalis, even in the presence of significant quantities of organic dirt (e.g. tartrates) and with hard water.

Application fields

Polymeric and ceramic separation membranes, cross-flow filtration systems (micro-filtration, ultra-filtration), bottling lines, sterilizers and pasteurizers, concentrators and refrigeration units, tank cleaning, pumps, pipes, flooding filters (with stainless steel elements) and under vacuum filters, closed loop in food and beverage industry, livestock sector, CIP systems with and without recovery.

How to use

Apply EASY DET at concentrations ranging from 0.5% to 5% based on the level of dirt to be removed. Use temperature ranges from 15 °C to 85 °C. Optimal use temperature ranges from 50 °C to 85 °C. The high synergy of its components it has proven to be very effective even at room temperature, in particular in the removal of tartrates in the wine industry. In some applications it is recommended, after washing with EASY DET, to carry out a descaling acid cleaning.

Physico-chemical features

Form: liquid
pH: 13 – 14
density: 1,30 – 1,35 g/cm³ @25 °C

Compatibility

Consider the following compatibility (referred to the pure product):

- Compatible materials: AISI 304 stainless steel, AISI 316L stainless steel, polyvinylchloride (PVC), polyethylene (PE), polypropylene (PP), polytetrafluorethylene (PTFE), ethylene-propylene rubber (EPDM).
- Incompatible materials: strong acids, galvanised steel, aluminum, acetalic resin (POM)

If in doubt, test the product on a small portion of the surface not in sight.

Control

WATER CONDUCTIVITY, mS/cm (20 °C)	DOSAGE, % p/p
9,3	0,5%
16,5	1%
30,9	2%
45,2	3%
60,0	4%
73,6	5%

Packaging

Canister: 25 kg
Barrel: 250 kg
IBC: 1250 kg

Other information

EASY DET meets the classification criteria of Regulation (EC) no. 1272/2008 (CLP). For specific information see safety data sheet.

Hazard class and category: Metal corrosion, 1

Hazard class and category: Skin corrosion/irritation, 1

EASY DET is defined as dangerous for the various modes of transport according to the “United Nations Recommendations on the transport of dangerous goods – Standard Regulations”. For specific information, see section 14 of the safety data sheet.

Composition (Reg. 648/2004/CE):

<5% phosphonates, nonionic surfactants

Attention

This technical data sheet is intended to be purely indicative. For the definition of the correct protocol for the use of Devidet s.r.l. always consult the Devidet s.r.l. Technical Office, expert technicians will be able to provide the most suitable solutions for specific needs. Product for professional use only. We decline all responsibility for damage resulting from improper or unauthorized use of the product. Before use, check that the product matches the type of application required. Before use, consult the safety data sheet or the information sheet.

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