

## TECHNICAL DATASHEET

# SILV PLUS 51

**Food & beverage / Cleaning of plants and surfaces***Universal concentrated alkaline liquid cleaner.***Features**

SILV PLUS 51 is an alkaline liquid having a content of approximately 51% of active substances, among them completely soluble alkalis imparting an exceptional alkaline reserve. This gives to SILV PLUS 51 an extraordinary degreasing and suspending power even in presence of high quantity of dirt. The cleaning action of SILV PLUS 51 is not depressed by hard water due to its formulation enriched with sequestering agents. The presence of organic dispersants hinders re-deposition of residues on surfaces previously removed during the degreasing stage. SILV PLUS 51 can be used at temperatures up to 85 °C. SILV PLUS 51 is free from EDTA.

**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, piping, flooding filters (with stainless steel elements) and under vacuum filters.

**How to use**

Apply at temperatures ranging from 15 °C and 85 °C based on the level of dirt to be removed.

Concentration of use: 0,5% - 3%.

**Features**

Form: liquid  
pH: 13-14  
density: 1,47 – 1,48g/cm<sup>3</sup> @25 °C

**Compatibility**

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

- Compatible materials: AISI 304 stainless steel, AISI 316 stainless steel polyvinyl chloride (PVC), polyethylene (PE) polypropylene (PP) polytetrafluoroethylene (PTFE) ethylene-propylene rubber (EPDM).
- Incompatible materials: strong acids, galvanized steel, aluminum, acetal resin (POM).

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

**Control**

WATER CONDUCTIVITY, mS/cm (25 °C)	DOSAGE
1,15	0,5%
2,2	1%
3,1	1,5%
4,15	2%
5,2	2,5%

## Packaging

Canister: 25 kg

Barrel: 250 kg

IBC: 1480 kg

## Other information

SILV PLUS 51 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

Hazard class and category: Acute toxicity, 4

SILV PLUS 51 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

### **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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