

Mip® FPC

Description:

Liquid, slightly alkaline cleaning agent, especially suitable for filling machines in the food industry

Product

- suitable for sensitive materials
- to be used with all modern filling machines
- no classification according to the prescription of hazardous substances

Properties

Concentrate

Appearance: clear, colourless to slightly yellow liquid *

Storage stability: 0 - 40 °C

Solubility: at 20 °C miscible with water in any proportion

Density: 0.99 - 1.03 g/cm³

P content: 0.47 %

N content: 0.50 %

COD: 14 - 24 mg O₂/g

Flash point: not applicable

Application solution

pH: 8.0 - 9.5 *
(1 %, 20 °C, deionized water)

Titration: 6.6 - 7.3 ml *
(100 ml 10 % solution; 0.5 n HCl; methyl orange)

Foam characteristics: slightly foaming

* Parameters subject to incoming goods control

Material compatibility: **Mip FPC** is, under the application conditions described below, compatible with

- **Metals** austenitic CrNi steels (quality at least DIN 1.4301 = AISI 304), aluminium, fancy metals
- **Plastics** PE, PP, EDPM, NBR

Application

Mip FPC is a liquid, slightly foaming, alkaline cleaning agent for cleaning sensitive sections of filling machines for fresh milk, fruit juices and lemonades.

- **Automatic cleaning of final folder**

Concentration:	0.5 - 1.5 %
Temperature:	50 - 60 °C
Time:	20 minutes
- **Manual cleaning**

Concentration:	0.5 - 2.0 %
Temperature:	40 - 50 °C
Time:	10 - 20 minutes

After cleaning rinse thoroughly with fresh water of drinking water quality.

Monitoring

Concentration determination

- **Titration**

Receiving flask:	100 ml application solution
Titration solution:	0.5 n hydrochloric acid (HCl)
Indicator:	Methyl orange
Titration factor:	1.43

Volume added 0.5 n HCl x 1.43 = (by wt.) % **Mip FPC**

Safety

The relevant hazards identifications of **Mip FPC** are given in the EC Safety Data Sheet. If any questions arise in this context, please contact your Ecolab representative.

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