

Cleanity Premium

Description & Application

The Lavavajillas para Máquina has been formulated to easily and quickly clean any remaining organic dirt from objects and utensils that can be washed in an automatic dishwasher.

Characteristics

The product shows great efficiency in the elimination of organic dirt adhered to objects and utensils that can be introduced in the dishwasher.

Does not produce foam, making it suitable for any industrial washing machine for dishes, bottles, boxes, etc. Provides an excellent cleaning of any organic residue whilst facilitating a quick and effective rinse. This way a single cleaning cycle can achieve an optimal result.

Do not use on objects sensitive to alkaline compositions such as aluminum, copper, rubber, brass, galvanized iron, etc.

Physico-Chemical properties

| | |
|-----------------|-----------------------------|
| Aspect | Transparent liquid |
| Color | Colorless |
| Density at 20°C | 1,18 g/cc |
| pH | 13 |
| Solubility | Completely soluble in water |
| Dose | 0,5% - 1% |

How to use

Automatic washing machines: Can be used at concentrations between 0,5% and 1%.

Diswasher machine: Can be used at concentrations between 0,5% and 1%.

Control method

Titration

Reactants: Clorhídric acid 0,1 N, phenolphtaleíne.

Procedure:

1. Take a 5 ml sample of the solution to test. Add two drops of the phenolphtaleine indicator.
2. Add chloridric acid 0,1N until the pink color disappears.

Calculation:

%p/p product = chloridric acid used (ml) x 0,33

%v/v product = chloridric acid used (ml) x 0,28

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Analysis by conductometry

The following table shows a series of values to allow determining the concentration of the solution from the read conductivity.

| Product [%p/p] | Specific conductivity at 20°C [mS/cm] |
|----------------|---------------------------------------|
| 0,5 | 2,29 |
| 1,0 | 5,83 |
| 1,5 | 8,5 |
| 2,0 | 10,98 |
| 3,0 | 16,53 |
| 4,0 | 22,9 |
| 5,0 | 27,4 |

Precautions and environmental information

Check the product safety data sheet.

The raw materials used in this formulation meet the criteria of sustainable development promoted by the "Charter Project for Sustainability".

The surfactants used in this formulation comply with the biodegradability criteria stipulated in Regulation (EC) No. 648/2004 on detergents.

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