



# MSS® -Disinfect Clor

## Chlorine Based Liquid Disinfectant

### Features

It is used in all disinfection processes in the food industry. Its high disinfection effect does not decrease even in operating waters and does not leave any residue after operation. It has absolutely no corrosive effect on the materials used in this sector with the recommended operating conditions. It is used in closed systems, automatic machines, CIP systems, spray systems, pumps, coolers, filters and filling machines.

**Active Substance:** 4.5%±0.5

**Physical Properties:** It is in clear, slightly yellow liquid form

**Density:** 1.15±0.05 gr/cm<sup>3</sup> (at 20 °C)

### Usage and Amount

High disinfection effect is provided in a short time and at low concentration with Disinfect Clor. Usage concentration is 0.05-1.00%, temperature is 20–60 °C, circulation time is 10–20 minutes. These conditions should not be exceeded in operations carried out with Disinfect Clor. In addition, a very good rinse should be done after the process.

### Operational Control:

The pH of the Disinfect Clor solution used in the plant should never fall below 9. The pH value should be between 10.5-12.0 at a concentration of 0.05-1.00% in water with a hardness of 16 dH.

### Quality Control:

0.5 gr of the substance is weighed into an Erlenmeyer flask. It is mixed with some water. 1-2 gr of potassium iodide and 5-6 ml of acetic acid are added to the solution and titrated with 0.1 N Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> as an indicator of 1% starch solution until it becomes colorless.

% Active Ingredient = (Consumption x 35.5) / 0.5 = %4-5

**Note:** Since there is a decrease in the active ingredient in Disinfect Clor, especially in the summer months, it is recommended to use the product within two months.

### Storage

Store in a cool and dry environment. Do not stack more than three cans on top of each other. Shelf life is two years from the date of production.

### Safety Symbol



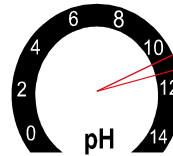
### Food Hygiene



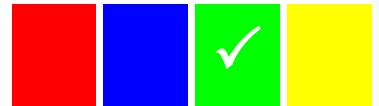
ISO 9001 : 2000  
ISO 14001 : 2004  
ISO 22000  
HACCP / TS 13001  
OHSAS 18001 / TS 18001



Sağlık Bakanlığı onaylıdır  
TSE (TSEK)  
Standartlarına göre üretilmiştir.



### CLEANING COLOR CODE



R 36/38 Irritating to eyes and skin.  
S 24/25 Avoid contact with eyes and skin.  
S 37 Wear suitable protective gloves.  
S 39 Wear protective glasses and a mask.  
R 20/22 Harmful if inhaled or swallowed  
Do not mix with acids!

**Product Code:** MSS62037

**Packaging Type:** 20 L (23 KG)

**Consumption Quantity:**

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