

DESCRIPTION

M10 Chlorine Sterilant is a stabilised solution of Sodium Hypochlorite, containing 10% available Chlorine. M10 Chlorine Sterilant is suitable for use in Food Preparation areas.

USE INSTRUCTIONS

M10 Chlorine Sterilant is used to provide disinfectant solutions by dilution with water. A 0.1% v/v solution gives approximately 100 ppm available Chlorine (AvCl₂). Due to its aggressive nature, it should be diluted automatically wherever possible.

M10 Chlorine Sterilant is designed for use in salad washing operations at 50 – 100 ppm AvCl₂ (0.05% to 0.1% v/v). M10 Chlorine Sterilant can also be used as a disinfectant for soaking small items of equipment at 50 – 200 ppm (0.05% to 2% v/v). It is also suitable for cleaning around drains, sluices and associated buckets and mops at 50 – 200 ppm (0.05% to 2% v/v).

TECHNICAL DATA

Appearance	Clear, yellowish non-viscous liquid	
Odour	Bleach	
Foam	No foam	
Specific Gravity at 20°C	1.15	
pH (Neat at 20°C)	> 12.0	
Chemical Oxygen Demand (COD)	0 g/L	(As supplied)
Nitrogen Content (N)	0 g/L	(As supplied)
Phosphorous Content (P)	0 g/L	(As supplied)
Mercury	0.005 mg/L	(As supplied)
Cadmium	0.001 mg/L	(As supplied)
Storage Temperature Range	-10°C to +30°C	
Shelf Life	Maximum of 6 months under normal conditions	
Holchem Classification		

PRODUCT COMPATIBILITY

M10 Chlorine Sterilant is safe to use on 316 grade Stainless Steel. Care should be taken with other grades. Not suitable for use on Aluminium, Zinc, Tin or their alloys.

Contact with acid will release Toxic Chlorine Gas.

BIODEGRADABILITY

This product consists solely of inorganic materials for which biodegradation assessment is not applicable. Not expected to Bioaccumulate.



PRODUCT INFORMATION M10 CHLORINE STERILANT

SODIUM HYPOCHLORITE SOLUTION

TEST METHODS

DROPPER TEST (AVAILABLE CHLORINE TEST KIT)

Reagent	Ref.	Equipment	Ref.
CL1P	SKS00802-01	20 ml Syringe	SKS00822
CL2A	SKS00802-02	Polycarbonate Test Jar	SKS00823
CL2B	SKS00802-03	Metal Spatula	SKS00824
CL3	SKS00802-04	Mini Case	SKS00825

Step Method

- 1 Using the syringe, transfer 10 ml of the test solution into the test jar.
- 2 Dilute with water to about 20 ml.
- 3 Add one tablet of CL2A, followed by one heaped spatula of CL1P and a quarter spatula of CL2B. If Chlorine is present the test solution will turn dark blue/black.
- 4 Add CL3 dropwise, shaking or swirling the bottle after each addition to mix properly, until the solution becomes colourless. Note the number of drops of CL3.
- 5 ppm available Chlorine = (No. of drops of CL3) x 20

SAFE HANDLING & STORAGE

Keep containers tightly closed. Keep isolated from acids. Protect from light including direct sun rays.

COSHH places a duty on employers to assess and control the risks of using hazardous substances. The Safety Data Sheet provides the relevant information about the product to assist with this assessment.

PACKS

M10 Chlorine Sterilant is available in the following pack sizes:

- 10 Ltr
- 1000 Ltr

GENERAL

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product.

This product is registered with the National Poisons Information Service.

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.

