

## DESCRIPTION

M1 Cleaning Detergent Concentrate is a blend of alkaline builders and wetting agents. M1 Cleaning Detergent Concentrate is suitable for use in Food/Beverage Production plants, other Food Processing/Preparation areas and other High Care areas. It is suitable for use as a general purpose cleaner (including floors), degreasing of hard surfaces, equipment and ovens with a low build up of carbonised materials.

## USE INSTRUCTIONS

Use M1 Cleaning Detergent Concentrate at concentrations between 0.2% to 2% v/v depending on application.

Refer to dosing point signs for specific guidance for how much is needed in a trigger, sink or bucket.

**Trigger Spray Application.** Where a trigger spray is used, make up the solution as indicated on the dosing point label.

Spray onto the surface with a fine mist and wipe clean with a designated cloth or paper towel. For food contact surfaces follow with M2 Sanitiser Concentrate solution (or other suitable disinfectant).

**Sink/Bucket Application.** M1 Cleaning Detergent Concentrate is used for cleaning of equipment parts, utensils and tools. M1 Cleaning Detergent Concentrate is ideally dosed into sinks/buckets where the water is at a temperature of 40 – 50°C. Appropriate protective equipment should be used taking into account the temperature of the water. Wash and scrub items, then rinse to remove all traces of M1 Cleaning Detergent Concentrate and allow to air dry, or wipe with disposable towels. For food contact surfaces follow with M2 Sanitiser Concentrate solution (or other suitable disinfectant).

## BENEFITS

- Used as a general purpose cleaner.
- Effective in removal and suspension of soils.

## TECHNICAL DATA

Appearance	Clear green non-viscous liquid
Odour	Detergent
Foam	Medium foam
Specific Gravity at 20°C	1.06
pH (1% solution at 20°C)	8.5 – 9.5
Storage Temperature Range	0°C to +40°C
Shelf Life	Minimum of 2 years under normal conditions
Holchem Classification	



## PRODUCT COMPATIBILITY

It is safe for use on all common materials of construction at up to 2% v/v; however prolonged contact with Copper, Zinc, Brass, Nickel and Chrome should be avoided. Surfaces containing these metals should not be left soaking in the solution for more than 30 minutes.

Care should be taken on certain plastics (polycarbonate) as stress cracking may occur.



## BIODEGRADABILITY

The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004. Not expected to Bioaccumulate.

## TEST METHODS

## DROPPER TEST (TOTAL EDTA TEST KIT)

Reagent	Ref.	Equipment	Ref.
0.01M Copper Sulphate Solution	SKS00805-01	5 ml Syringe	SKS00820
5M Acetic Acid	SKS00805-02	Polycarbonate Test Jar	SKS00823
PAN Indicator	SKS00805-03		

**Step**    **Method**

- 1        Using the syringe, transfer 5 ml of the test solution into the polycarbonate test jar.
- 2        Add 10 drops of PAN indicator followed by 10 drops of 5M Acetic Acid. The solution will turn yellow.
- 3        Add 0.01M Copper Sulphate drop wise until the solution changes to a permanent purple / violet colour.
- 4        **% v/v product = ( No. of drops of Copper Sulphate solution ) x 0.05**

## SAFE HANDLING &amp; STORAGE

Keep containers tightly closed.

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

M1 Cleaning Detergent Concentrate is available in the following pack sizes:

- 4 x 5 Ltr
- 5 Ltr
- 20 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.

