

Product Data Sheet

Product Code: CLIC

Issued: October 17, 2013

What is ClingTec CHL?

ClingTec CHL is a concentrated, chlorinated detergent which has the special characteristic of forming a thick (viscous) liquid when it is diluted for use. This is very beneficial because the solution of ClingTec CHL will "cling" to vertical and horizontal surfaces and go on working long after traditional foaming detergents have either run off the wall or collapsed and dried out.

ClingTec CHL gives an extended cleaning action, remaining wet and effective for a longer time, and this results in improved soil removal with savings in time, labour and hot water. Because it offers a very effective method of killing undesirable micro-organisms (germs, bacteria, fungi, etc.), ClingTec CHL is also an excellent sanitiser.

Key Benefits

- ✓ Long wet dwell time, even on vertical surfaces
- ✓ Stays wet, so keeps attacking soil for longer
- ✓ Only requires cold water for application
- ✓ Does not form copious amounts of nuisance foam which can be hard to wash away
- ✓ Has a high level of sodium hypochlorite
- ✓ Versatile cleaner with many applications in food factories

How Does It Work?

When diluted with the correct amount of cold water, ClingTec CHL forms a thickened liquid. This solution is sprayed or blown on with a foam-gun and then starts to attack grease, fat and protein-based soilage. Because it remains wet and in place for 15-20 minutes, it gives superior cleaning and biocidal activity. And you can be confident that even surfaces with complicated shapes will receive the correct contact time with this sanitiser.

The spent solution dissolves readily in cold or warm water, so it can be rinsed away quickly and easily, without generating high volumes of nuisance foam.

The powerful effectiveness of ClingTec CHL means that re-application of detergent will be a thing of the past. And the total cost of cleaning will be lower because it requires less scrubbing, less hot water and less time to do the job.

For use on...

ClingTec CHL is designed for use in most applications and tasks in open area cleaning of food factories. It can be used to clean all surfaces not harmed by water and chlorine including stainless steel equipment, walls, ceilings, unpolished tiled floors, baths, showers, glass and porcelain. Do not use for cleaning magnesium, zinc or aluminium.

Technical Data

Properties



COLOUR – Pale yellow liquid
ODOUR – Typical chlorine
pH = > 13
S.G. = 1.12

Environmental Care



ClingTec CHL conforms with all statutory environmental requirements. It is based on non-toxic ingredients selected to perform efficiently so there is no waste or damage. ClingTec CHL is:

- ✓ Water-based and Non-flammable
- ✓ Based on biodegradable surfactants

Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".
First Certified: 30 April 1996
SAI Certificate No.: QEC7358

Application

- Pay special attention to mixing ClingTec CHL very thoroughly with water so it is uniform before application.
- For manual cleaning:
Dilute 1 part of ClingTec CHL with between 50 and 200 parts of lukewarm water (30-40°C), depending on degree of soilage. This is from 5 to 20 mls per litre.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.

Application *(continued)*

Apply the solution by squeeze bottle or directly brushing it on. Leave the solution to activate for 15-20 minutes, then rinse off with cold or warm water (warm water will make rinsing faster).

- For spray or foam-gun application:
Dilute 1 part of ClingTec CHL with between 16.6 and 25 parts of cold water. This is from 40 to 60 mls per litre. The ratio must be accurate so as to provide a viscous liquid solution. Spray on or use a foam-gun to apply the solution to the surface. Leave for 15-20 minutes to activate, then rinse off.

Storage

ClingTec CHL is stable for 12 months. Store in the original sealed container and keep out of direct sunlight. Also avoid storing the product in extremes of temperature; try to keep it between 10 and 30 °C.

Rotate stock and observe the Use By date.

Solutions of ClingTec CHL should be used up within 6 – 8 hours of dilution. After this time, they may begin to lose their effectiveness.

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