

## Ordering Information

Code: FT-CHK-G-45  
 Unit Pack Size: Calcium Hypochlorite Granules 45 kg Pail.  
 Pack Weight (kg) 47  
 Pack Volume (m<sup>3</sup>) 0.085  
 Packaging: UN rated pails.



Code: FT-CHK-G-20  
 Unit Pack Size: Calcium Hypochlorite Granules 20 kg Pail.  
 Pack Weight (kg) 21  
 Pack Volume (m<sup>3</sup>) 0.047  
 Packaging: UN rated pails.



Code: FT-CHK-G-10  
 Unit Pack Size: Calcium Hypochlorite Granules 10 kg Pail.  
 Pack Weight (kg) 10.7  
 Pack Volume (m<sup>3</sup>) 0.023  
 Packaging: UN rated pails.



## Description

White to grey granules.

Chemistry: Calcium Hypochlorite

UN No: 2880

DG Class: 5.1 – Oxidiser

HAZCHEM: 2W

CAS No: 7778-54-3

For safety information refer to SDS (Safety Data Sheet)



## Specification

PARAMETER	SPECIFICATION	TYPICAL
Available Chlorine WT	> 70.0%	75
Moisture	< 16.0%	12

## Approvals

EPA approval number: HSR001317

Manufactured by ISO 9001 system.

Certified to NSF/ANSI60.

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Ham Chem, 75 Ruffell Rd, Hamilton, New Zealand. Phone: (07)9744971 Email: info@hamchem.nz Web: www.hamchem.nz



# FT Cal-Hypo Kleen Granular

MPI approved as Farm Treat Cal-Hypo Kleen

- MPI Approval as a maintenance compound for the purpose of sanitising or maintaining the farm dairy milking plant and
- MPI Recognition as a maintenance compound for use in dairy processing activities

MPI Approved (Generic, 4.1.7) (All animal product except dairy)

## Application

Cal-Hypo Kleen can be used for:

- A chlorine source for cleaning and sterilising water, water treatment, farm troughs and swimming pools
- Sanitising surfaces

## Directions

### Milking Plant:

Cal-Hypo Kleen (Granular) can be added to your chlorine compatible alkali detergent to boost its cleaning ability.

1. Add 60g (1/4 cup) of Cal-Hypo Kleen (Granular) for every 100 litres of hot water in addition to your alkali detergent
  2. Re-circulate for approximately 10 - 15 minutes, then rinse to ensure any detergent residue is removed.
- Note: For the most hygienic wash, use potable hot water at 85°C. With all detergents, rinse after use and open the plant to allow draining.

### Cleaning Concrete:

Clean mould, algae and slime from concrete.

1. Dissolve Cal-Hypo Kleen (Granular) by mixing 1 part of Cal-Hypo Kleen per 12 parts of water,
2. Spray/pour onto dirty concrete, scrub with a brush or broom if necessary
3. Hose or water-blast off.

Note: Cal-Hypo Kleen contains chlorine which actively rusts metallic surfaces like iron and stainless steel. Wetting metallic surfaces before spraying Cal-Hypo will reduce the risk, but care should be taken.

**Water Treatment:** Ideal Free Chlorine concentration is between 0.5 – 2.0 mg/L.

Chlorine is the most common chemical used for water disinfection. Chlorine combines with and disinfects contaminants in the water such as micro-organisms, small animals, plant material, other dissolved chemicals (such as iron and manganese), plus colours and odours. The components that combine with and use up the chlorine are known as the chlorine demand. It is important to add sufficient chlorine to water to meet the chlorine demand and provide residual disinfection without having excess free chlorine.

Free Chlorine is the chlorine that does not combine with other components in the water. Ideally, free chlorine should be at a concentration of between 0.5 – 2.0 mg/L. The minimum should never fall below 0.2 mg/L, or the maximum go above 5 mg/L free chlorine (Drinking Water Standards for NZ, 2005).

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# FT Cal-Hypo Kleen Granular

Monitor the free chlorine on a regular basis and adjust the dosage rate to maintain the free chlorine level within the ideal concentration range.

Adding 80grams of Cal-Hypo Kleen (Granular) to 10,000 litres of water gives a total concentration of 5 mg/L chlorine.

DPD No1 colorimetric test kits are available for testing the level of free chlorine.

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