

## Ordering Information

Code: FTCSODA25  
 Unit Pack Size: Caustic soda 25 kg Pail  
 Pack Weight (kg): 26  
 Pack Volume (m<sup>3</sup>): 0.047  
 Packaging: UN rated pails with inner plastic bag.



Code: FTCSODA10  
 Unit Pack Size: Caustic soda 10 kg Pail  
 Pack Weight (kg): 10.7  
 Pack Volume (m<sup>3</sup>): 0.023  
 Packaging: UN rated pails with inner plastic bag.



Code: FTCSODA5  
 Unit Pack Size: Caustic soda 5 kg Pail  
 Pack Weight (kg): 5.3  
 Pack Volume (m<sup>3</sup>): 0.013  
 Packaging: UN rated pails with inner plastic bag.



## Description

White crystalline or pearl solid.

Chemistry: Sodium Hydroxide

UN No: 1823

DG Class: 8 – Corrosive

HAZCHEM: 2X

CAS No: 1310-73-2

For safety information refer to SDS (Safety Data Sheet)



## Specification

PARAMETER	SPECIFICATION	TYPICAL
NaOH	> 99%	99.2%
Na <sub>2</sub> CO <sub>3</sub>	< 0.4%	0.27%
NaCl	< 0.03%	0.016%
Fe	< 0.0008%	0.0003%
Na <sub>2</sub> SO <sub>4</sub>	< 0.006%	0.002%
Pearl size	0.5 to 1.0 mm	95%

Recommendations, suggestions or statements made are intended for the assistance of our customers. They are based upon our experience and judgement but must not be regarded as amounting to a legal warranty or as involving any liability on our part and must be read in conjunction with and subject to our Conditions of Sale which apply to goods supplied by us.

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

## Approvals

EPA approval number: HSR001547

Certified to NSF/ANSI60.

MPI approved as Farm Treat Caustic-Kleen

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

## Application

Farm Treat Caustic-Kleen can be used for:

- Cleaning mould, algae and slime from concrete
- Cleaning blocked drains
- MPI approved for dairy shed cleaning
- Strong industrial cleaner
- Paint stripping

## Directions

**Milking Machines & Vats:** Use Caustic-Kleen for periodic cleaning (once to twice weekly) of milking machines & milk vats in addition to your normal cleaning regime.

1. Dilute to approximately 1% by adding 5 - 10 grams of Caustic-Kleen per litre of water.
2. For milking machines, use at least 5 litres of solution per set of cups and pass through at least 3 times.
3. For Vats, dilute Caustic-Kleen to 1% in hot-water (above 80°C) and recirculate for at least 5 minutes.
4. Rinse (preferably with hot water) and sanitise with an appropriate MPI Approved product, before opening & draining plant.

**Cleaning Concrete:** Clean mould, algae and slime from concrete.

1. Dilute to approximately 0.5% by adding approx. 5 grams of Caustic-Kleen per litre of water.
2. Spray or splash carefully onto concrete, leave to soak and scrub (if necessary).
3. Rinse/hose off with water.

**Clearing Blocked Drains:** Unblock drains with a strong Caustic-Kleen solution in hot water.

1. Dilute to approximately 10 to 20% by adding approx. 100 to 200 grams of Caustic-Kleen per litre of warm water.
2. Fill drain and leave to soak.
3. If the blockage does not dissolve immediately, use a flexible rod to assist removal.

**Water Treatment:** Neutralise acidic water with dilute Caustic-Kleen.

1. Dilute to approximately 10% by adding approx. 100 grams of Caustic-Kleen per litre of water.
2. 100 mls of 10% caustic solution will neutralise 1000 litres of water with an acidity of 10 ppm carbon dioxide (CO<sub>2</sub>).
3. To prevent the pH from going past the neutral point, we recommend that the initial dose rate is set to 50% of neutralisation and then finely (& slowly) adjusted to achieve the desired pH range.
4. For the best results, test the pH regularly, particularly in the initial stages of set-up.

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