



DESCRIPTION

Caustic Soda Pearl is designed for CIP, Soak and Bottle Washing applications in Breweries, Dairies and Food Processing plants, it is also suitable for use in other high care applications. For optimum performance it is blended with an additive from the **Adhol** range or **Holchel**. These additives contain sequestrants which inhibit and dissolve mineral scale and also enhance the performance of the Caustic Soda solution. It is not suitable for use on Aluminium, Zinc, Copper or their alloys.

USE INSTRUCTIONS

In use concentrations of Caustic Soda Pearl are application dependent and should be established during trials.

A 1% w/v solution gives approximately 1% w/v causticity (1% w/v NaOH).

Cleaning temperatures should be optimised during trials. For fatty or heavily carbonised soils, temperatures above 90°C can be used. However, for protein soils, it is often more effective to clean at lower temperatures (up to 70°C).

Caustic Soda Pearl is not suitable for direct food contact.

The following are typical example applications, users should refer to Cleaning Instruction Cards for specific guidance. Other applications should be discussed with your Holchem Consultant.

NOTE: When dissolving Caustic Soda Pearl into water, heat is generated, and at high strengths an acrid vapour can be given off.

CIP. For Clean in Place applications, 1% to 5% w/v solutions of Caustic Soda Pearl are typically circulated for 20 – 30 minutes. The exact concentration is dependent on water hardness and soil type / level. Before circulating the detergent, pre-rinsing with water is advisable. After cleaning, the circulation loop should be flushed with clean water until pH or conductivity of the rinsing is approximately equal to that of the water.

Occasionally CIP cleans need to be boosted by use of additives such as **Adhol No.10**. Caustic Soda Pearl is compatible with **Adhol No.10**, but advice on procedures should be taken.

In hard water areas, or for soils with a high mineral content such as Milkstone or Beerstone, it is advisable to use in conjunction with an additive such as **Holchel**.


Bottlewashing. Caustic Soda Pearl can be used as a bottle washing detergent at 0.4% to 0.5% w/v solution, dependent on the nature of the soiling. Using with an **Adhol** additive or **Holchel** will improve compatibility with hard water and soil suspensions.

BENEFITS

- Suitable for recirculation.



TECHNICAL DATA

Appearance	White, granular pearl
Odour	No discernible odour
Foam	No foam
pH (1% solution at 20°C)	11.5 – 12.5
Mercury ¹	0.068 mg/L (max)
Cadmium	0.0068 mg/L (max)
Storage Temperature Range	Store in a cool dry place
Shelf Life	Minimum of 2 years under normal conditions
Holchem Classification	

¹ Note: Holchem's policy is to use Mercury free caustic.

PRODUCT COMPATIBILITY

Caustic Soda Pearl is corrosive to soft metals such as Aluminium, Zinc, Copper and their alloys.

BIODEGRADABILITY

Not expected to Bioaccumulate.

SAFE HANDLING & STORAGE

Keep in original container. 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

Caustic Soda Pearl is available in the following pack sizes:

25 Kg

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.