

# TECHNICAL BULLETIN



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## CAUSTIC SODA pearl SODIUM HYDROXIDE solid

### MATERIAL & FUNCTION

Caustic soda pearl is a white granular solid. The “pearl” description of the product distinguishes it from flake and powder. The pearl grade is relatively non dusting and thus easier to handle. Caustic Soda (Sodium Hydroxide) is usually produced as part of the same process that creates chlorine. Used as a neutralizing agent, Caustic Soda is an important component in the petroleum, pulp and paper and alumina industries. Caustic soda is also used in a wide range of chemical processes

### PRECAUTIONS:

This product is classified as a Dangerous Good for transport and storage purposes, and is classified by worksafe as hazardous. **Consult the material safety data sheet for details.** In general, protective clothing and eye protection are required. Sodium hydroxide can produce severe burns to skin and permanent eye damage.

### PROPERTIES

Appearance: White (pearlescent) granules

Solubility: 111 g/100 g of water.

Specific Gravity: 2.13

pH: 13 - 14 (0.5% soln)

### APPLICATION

**Caustic soda pearl is usually dissolved in water and mixed with other cleaning agents. It can also be blended into powder cleaning formulations.**

Industrial Cleaning of floors and machinery from foods and fat deposits. Use 0.1-4.0 % sodium hydroxide (100g to 4 kg per 100 L of water). A detergent wash before rinsing will assist in removal of residual alkali and soaps.

– drains. For unblocking grease traps and drains. Use 1kg for normal household drains (caution – heat, spitting and blowback may occur).

### PACKAGING

2 kg pl bottle, 4 kg Pl Bottle, 20 kg pail (8x2.5 kg bags), 20 kg pail, 25 kg poly bags

### IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume*

*any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***