



## **F&B** 50% Caustic

### Liquid Caustic Detergent

#### Description

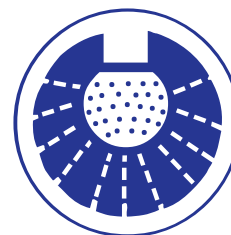
50% Caustic detergent is a diaphragm grade sodium hydroxide. It is used in many applications from cleaning to bottling to wastewater effluent neutralization.

#### Easy-to-Use

- Concentrated formula is simple and economical to use
- Eliminates danger of dissolving caustic powders
- Suitable for bulk shipment and automatic feeding

#### Discussion

50% Caustic detergent is a highly caustic, liquid bottling and cleaning compound. Additives may be used for enhanced wetting, chelating and foam control.



**Diverflow**



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## Liquid Caustic Detergent

### Use Instructions

#### CIP Cleaning:

Circulate 0.2–1% caustic solution at 48–80°C (120–175°F).

#### For Dairy and Condensery Pasteurizers:

Strength should be raised to 1–2% caustic and temperature to at least 9°F (5°C) over maximum processing temperatures.

#### Food Processing Equipment:

*Soak:* Use 0.2–2% caustic up to 65°C (150°F)

*Spray:* Use 0.2–0.75% caustic up to 65°C (150°F).

*Storage Tanks and Holding Equipment:* Use 0.2–0.75% caustic up to 65°C (150°F).

After cleaning, rinse equipment thoroughly with potable water. Sanitize before reuse with the appropriate Diversey sanitizer.

#### Bottlesharing:

1. Inspect bottlewasher thoroughly and descale with a Diversey acid if required.
  2. Charge bottlewasher and maintain caustic concentration and temperature required by local, franchise or provincial regulations.
  3. Pass bottles through wash section of bottlewasher, drain and rinse with potable water.
- Contact your Diversey representative for further applications.

#### Shell Egg Cleaning:

Depending upon the type and degree of soiling, maintain a concentration of 50% Caustic detergent at 0.35 - 1 mL/L (0.04 - 0.13 oz/U.S.gal). Eggs destined for human consumption should be rinsed thoroughly with potable water after use of this product.

Consult the product technical data sheet or your Diversey representative for additional information.

### Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Hazy colorless liquid
Scent	No fragrance added
Specific Gravity	1.56
pH (1%)	13.5
pH (neat)	13.6
% P	0.0
% Free Alkalinity (as Na <sub>2</sub> O)	0.0
% Total Acidity (as Na <sub>2</sub> O)	40.1

The above data is typical of normal production and should not be taken as a specification.

### Safe handling and storage information

Store in original closed containers, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

### Product compatibility

50% Caustic detergent is safe to use on steel, stainless steel and glass bottles at recommended use concentrations and temperatures. It should not be used on tin, aluminum, brass or zinc surfaces.

#### Test Kit

Test Kit # 409224/409239

#### Precautionary Statement

Refer to current Safety Data Sheet.