

# Kompleet

## Additive for direct addition to caustic liquor

# VB67



**Diverflow**<sup>™</sup>

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**Kompleet is detergent additive containing a blend of sequestrants and surfactant based defoamers for direct addition to caustic liquor and is used in bottlewashing and CIP applications.**

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### Key properties

Kompleet is a liquid detergent additive suitable for direct addition to caustic liquor.

Kompleet produces a fully formulated caustic detergent which provides a complete solution for detergency, scale inhibition and foam control for bottlewashing and CIP applications.

Kompleet is also highly effective at removing rust ring and controlling aluminium in bottlewashing applications when used in conjunction with caustic.

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### Benefits

- ▶ Suitable for automatic dosing and control to produce a blended product, ensuring effective levels are maintained for economy and performance.
  - ▶ Use of a single product reduces application complexity.
  - ▶ The blended product is suitable for automatic dosing and control by conductivity, ensuring consistent delivery of product and reproducible cleaning results.
  - ▶ Assists detergency, rust, aluminium and label removal in bottlewashing applications, reducing reject rates and ensuring product integrity.
  - ▶ Inhibits scale build up and prevents nozzle blockage, improving operational efficiency and cleaning effectiveness. Maintenance frequency, time and associated costs can also be reduced.
  - ▶ Aids free-rinsing and helps prevent spotting on bottles caused by water hardness and other deposits, reducing reject rates and improving bottle appearance.
  - ▶ Provides foam control in a wide variety of applications, maintaining operational efficiency in automatic cleaning processes such as bottlewashing and CIP.
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# Kompleet VB67 Use Overview

## Directions for use

Kompleet should be blended with caustic soda liquor (30 - 48%) at concentrations between 10 – 40% w/w (9.5 - 38 % v/v), based on 100% NaOH, depending on application, soil loading and water hardness. Kompleet is also used in the range of 125 - 500 mL/100 L of caustic containing solution depending on application, soil loading and water hardness. Optimal foam control is obtained at temperatures above 45°C.

Kompleet containing solutions should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

## Technical data\*

Description	
Appearance	Clear pale brown liquid
pH (1% solution at 25°C)	<3.5
Chemical Oxygen Demand (COD)	140gO <sub>2</sub> /kg
Nitrogen Content (N)	2 g/kg
Phosphorous Content (P)	13 g/kg

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

## Packaging

25 Kg

## 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 Material Safety Data Sheet.

## Test method

Test method is available on request.

## Product compatibility

Kompleet is safe for use on materials commonly found in the beverage and food industry when applied under the recommended conditions. In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.



**IRRITANT**

## For More Information

Please contact your local Diversey representative.

### Diversey India Pvt. Ltd.

501, 5th Floor, Ackruti Centre Point, MIDC Central Road, Andheri (East), Mumbai 400 093. INDIA

Tel.: +91 22 6644 4222, Fax: +91 22 6644 4223

Toll Free No.: 1800 209 2095 • Website: [www.diversey.com](http://www.diversey.com)

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