

### Description and Use

BWL is a heavy duty CIP liquid for tartrate removal in wineries, and for heavy duty cleaning of stainless steel equipment in the food industry. BWL contains sodium hydroxide for fast effective cleaning, plus low foam surfactants for rapid penetration of deposits. BWL can be used for CIP cleaning or in soak tanks.

### Approvals & Registrations

AQIS approved as General Cleaner Type B

### Features and Benefits

BWL is a formulated caustic product containing low foam surfactants and sequestrants. These help the solution wet and penetrate tartrate deposits and also assist with brown film removal in the wine industry.

The blend penetrates fat and protein deposits in the food industry for rapid cleaning. The surfactants used are very low foaming even with high pressure units such as Gamajet or Fury, and in CIP systems

BWL contains a high level of sequestrant and it will prevent scale forming in tanks and on equipment even in very hard water areas.

### How to Use

For use in wineries -

Simply add the water to the tank and then add the required amount of BWL.

The amount of BWL required will depend on the thickness of tartrate, its structure and the size of the tank.

The thickness of the tartrate deposit can vary dependant on the age of the wine, type, how long it has been in the tank and process in use such as cold stabilisation. As a guide –

*Light:* Small crystals up to 2mm scattered over the surface with a lot of uncovered stainless steel still exposed.

*Medium:* Small crystals up to 2mm covering most of the surface.

*Heavy:* Larger crystals over 2mm covering most or all of the surface.

Use the amount shown below as a guide. After a while the operators will be able to establish the optimum needed for each tank.

BWL litres required for average tartrate structure –

Tank Size	Light Deposit	Medium Deposit	Heavy Deposit
10,000l	3	4	6
20,000l	4	5	8
50,000l	6	10	15
100,000l	10	15	22
200,000l	15	20	30
500,000l	20	30	45

Circulate with sprayball or other system for 20 - 30 minutes. Monitor by testing pH and by visual assessment. Maintain pH above 9 to ensure continued effectiveness.

Drain tank when clean, then rinse with water and finally a mildly acidic rinse.

BWL is a cleaner not a sanitiser. If sanitising is required, sanitise tank using your preferred method.

For food industry use –

As a heavy duty CIP or COP cleaner, for bottle washing, cleaning deep fryers, meat hook cleaning, equipment soaking etc. use at levels from 2 – 8% dependant on level and type of soiling. Add slowly to cold water, then heat solution. Never add to hot water.

Rinse all surfaces with potable water after cleaning.

### Technical Data

BWL is a liquid containing 50% w/v sodium hydroxide, plus low foam biodegradable surfactants and a caustic stable sequestrant.

### Pack Sizes

15L Drum	Code: 12830
120L Drum	Code: 12812
1000L IBC	Code: 12828

### Dominant Colour Code

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### Hazard Information & Safety

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Classified as hazardous according to ASCC criteria  
R35 Causes severe burns

Poisons Schedule: 6  
Dangerous Goods: Class 8  
Packaging Group 2  
UN No. 1719

BWL is a caustic liquid. Wear gloves when handling material, full-face shield and rubber apron and boots. Wear full chemical suit with air supply if spraying.

Ensure a current MSDS is available and read before using the product.

