

Fermabrite

wine tank cleaner

Save on

Water - Chemical - Labour

Fermabrite is the leading non-caustic powdered wine tank cleaner and general cleaning detergent.

A free flowing off white powder blend of mild alkaline salts combined with low foaming high activity surfactants, powerful chelating, water conditioning and anti corrosive materials. This unique combination synergistically improves Fermabrite's stain removal power.

Specifically formulated for use in wineries as a powerful yet economical product for stainless steel tank cleaning for the removal of wine tartrate/wine staining / protein deposit.

Non-caustic cleaner designed to clean stainless steel and be safe for use on glass, plastics and ceramics.

Environmentally friendly and safe to handle.

Suitable for use with sprayball 'CIP' tank washing systems and Gamaget/Fury high pressure washing systems.



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Castle Chemicals

Solutions, Chemistry, Service

Since 1972

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Features and Benefits

One step concentrated product, eliminates neutralisation step required with caustic cleaners.

Powerful surfactancy provides superior cleaning and hygiene via reduced surface tension, thus providing free rinsing. No citric cleaning required thus provides savings on water, chemical and time.

Highly soluble, fast dissolving and hence reduced mix / preparation time.

Active powerful detergency, yet low foaming formulation. Fast draining.

Excellent OH&S profile, non-DG (Australian Dangerous Goods Code), non-toxic, specifically formulated with HACCP programmes in mind. Safe to mix, non dusting, and no splash hazard like caustic based cleaners. Non-fuming / vapours in use, non-flammable and safe to mix and use in hot or cold water.

Effective action at 25°C aqueous solution and improved speed at 50 -60°C and / or lower concentration for even more positive environmental profile.

Effective and safely cleans wine tartars and stains as an aqueous solution whilst being essentially non corrosive to stainless steels, galvanised surfaces, plastics, glass, aluminium and most painted surfaces.

Non-tainting formula, surfaces left clean, streak and spot free following fresh water rinse.

Excellent environmental profile, wastewaters contain no phosphates, chlorine. Reduced B.O.D. compared to caustic and up to 20% less sodium discharged.

100% active formulation, reduced inventory, less shipping weight (water)

When to use Fermabrite

Timing of use of Fermabrite will optimise product effectiveness and minimise costs.

Following cold-stabilisation, when wine has been drawn down from tank, it is important to allow staining and icy solids to return to room temperature prior to commencement of cleaning programme.

However, it is equally important not to allow the solids and crystalline tartars to dry out. Hydrated crystallised deposits are in the softest condition at this stage and easiest to remove. Leaving the tank for a long time following wine removal will only make the cleaning more difficult. Dehydrated tartar and crystalline deposits will harden, bake, and then prove more resilient to clean.

Longer waiting times also can allow multiplication of bacteria colonies and allow entry of other airborne contaminants.



Water use

Portable or treated water is recommended. Bore or 'hard' water may demand more Fermabrite.

The volume of water required is established by the service area to be cleaned, the quantity of wine tartar and other organic soils present, and the quantity of water needed in flexible hose-lines for maintaining a primed pump. For heavy loads of tartar, more water used with generally increases cleaning efficiency.

Engineered water requirement for cleaning in relation to tank capacity will be approximately as follows:

<10000L Tank = 100L
10kL - 40kL Tank =300L
10kL - 60kL Tank =400L-500L
100kL - 200kL Tank =1000L

Food Safety Statement

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

1) The raw materials / ingredients of this product are permitted as 'processing aids' as listed under clause 12 of the Food Standard Code 1.3.3 (Food Standards Australia New Zealand FSANZ) or

2) Are Generally Regarded As Safe (GRAS) according to the US Food and Drug Administration (FDA) or are recognised in the US Code of Federal Regulations (CFR) Title 21 part 178 as indirect food additives.

For more detailed information please call your Castle Sales Representative, also our Technical Bulletin and SDS information is available on our website:

www.castlechem.com.au

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