

## Description and Use

Vin K is a concentrated caustic CIP cleaner based on potassium salts, it contains surfactants and sequestrants to give improved performance in hard water.

Vin K is better for the environment than sodium based products.

## Features and Benefits

Vin K is potassium based caustic liquid. It is preferred to caustic soda in wineries where the effluent is used to irrigate woodlots or vineyards. The potassium ion is a plant nutrient and acts as a fertiliser.

Vin K contains sequestrants and a low foaming surfactant. These help the solution wet and penetrate tartrate deposits and also assist with brown film removal. The surfactant used is very low foaming even with high pressure units such as Gamajet or Fury.

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

Vin K contains an 80:20 blend of potassium and sodium hydroxide to give enhanced performance, but still be better for the environment.

## How to Use

Simply add the water to the tank and then add the required amount of Vin K

The amount of Vin K 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.

Vin K litres require for average tartrate structure -

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

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## How to Use cont....

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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.

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

## Technical Details

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Vin K is a liquid containing 40% w/v potassium hydroxide, 10% w/v sodium hydroxide, plus low foam biodegradable surfactant and a caustic stable sequestrant.

## Safety

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Vin K is a caustic liquid. Wear full protective equipment including face shield, chemical resistant gloves, boots and PVC protective suit.

In case of medical emergency contact a doctor or Poisons Information Service on 13 11 26.

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

## Hazard Information

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Classified as hazardous according to Worksafe Australia criteria – R35 Causes severe burns.

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

## Packaging

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Vin K is available in heavy duty 25, 200 and 1,000 litre containers.

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