

PRESERVATIVES & STABILISERS

POTASSIUM SORBATE

TECHNICAL DATA SHEET

Description

Potassium Sorbate Solution 50% w/w (E202) is a clear, food grade solution commonly used as a preservative.

Benefits

- High solubility
- Widely used preservative in food and wine industry
- Effectively inhibits the growth of yeast and mold
- Prevents refermentation when used in conjunction with potassium metabisulphite

Principle

Potassium sorbate inhibits fermentation and is added before bottling to prevent re-fermentation. It does not kill yeast and is not a fungicide but instead disrupts yeast metabolism, preventing further cell reproduction. As a result, the current generation of yeast is the last, and its viability will naturally begin to decline.

Do not add potassium sorbate during or before fermentation, as it will severely inhibit the natural yeast multiplication process.

PRODUCT CODE

POTSORB50

COMMODITY CODE

29161900

PACKAGING (kg)

25 kg

STORAGE

Keep in original container.

Keep containers sealed when not in use.

Temperature

Recommended storage temperature is 5°C - 25°C.

Location

Store in cool conditions away from direct sunlight.

Shelf Life

At the recommended storage conditions, six months from date of manufacture.

Application & Rates of Use

Rates of use vary dependent on application. In wine, the dose rate is dependent on factors such as ABV, pH, viable yeast count, and metabisulphite concentration.

Assuming that the appropriate range of metabisulphite is present, and the wine pH is within normal ranges, indicative dose rates are shown below:

ABV(%)	Sorbate* Addition (g/L)
10	0.20
11	0.17
12	0.135
13	0.10
14	0.07

*mg/L of sorbic acid x 1.34 = mg/L of potassium sorbate.

Guidelines For Use


- Do not add potassium sorbate during or before fermentation, as it will severely inhibit the natural yeast multiplication process
- Read the Safety Data Sheet prior to use
- Check the product is within its shelf life before use
- Ensure to review the approved list of foods and beverages along with their specific quantitative limits to comply with permissible standards

TECHNICAL SUPPORT

+44 (0) 115 978 5494 | techsupport@murphyandson.co.uk

REGULATORY COMPLIANCE INFORMATION

Refer to the '[Product Specification Sheet](#)' or contact us on:
+44 (0) 115 978 5494 | compliance@murphyandson.co.uk

	Product name : Potassium Sorbate
	Product code: POTSORB50
For Health & Safety Information refer to the Safety Data Sheet.	Doc Ref: TDS061
	Issue Date: 06/03/2025
	Issue Number: V01
	Written by: Celina Dugulin
	Authorised by: Iain Kenny