



# Kadifit

Pure potassium metabisulphite for sulphurisation of mash, juice, wine and fruit wine

## Product description

Kadifit is a pure potassium metabisulphite (potassium pyrosulphite,  $(K_2S_2O_5)$ ) in white crystalline form for sulphurisation of mash, juice, wine and fruit wine.

The pure Kadifit crystals can be added direct to the mash, juice, wine or fruit wine. Kadifit degrades in these media and releases approx. 50 % of the amount by weight as  $SO_2$ . Accordingly 10 g Kadifit per 100 kg (L) mash, juice or wine releases 50 mg/L  $SO_2$ . After Kadifit is added it should be thoroughly mixed for a homogeneous concentration. The  $SO_2$  added by Kadifit provides microbiological and oxidation protection.  $SO_2$  also prevents enzymatic oxidation and helps to improve flavour, as the fermentation by-products, in particular acetaldehyde, are bound.

Permitted according to current laws and regulations. Laboratory tested for purity and quality.

## Dosage and use

Mash	Kadifit is sprinkled over the crushed mash or added in small batches during crushing. The dosage is 5 - 15 g/100 kg mash (corresponds to 25 - 75 mg $SO_2$ /L) depending on mash health.
Must	If Kadifit is not added to the mash, the dosage added to parts of the must at microbiological risk is approx. 10 g/hL (corresponds to 50 mg $SO_2$ /L).
Young wine	Initial dose for unsulphurised young wine from healthy grapes or fruit, at least 10 - 15 g Kadifit/hL (corresponds to 50 - 75 mg $SO_2$ /L).
Wine/fruit wine	A constant value of 30 - 50 mg/L should preferably be achieved. The $SO_2$ content already present should be taken into consideration for subsequent sulphurisation.

Of course the legal limits for total sulfuric acid should be observed for the dosages. Combined use with Ercobin (ascorbic acid) provides additional oxidation protection and  $SO_2$  addition can be reduced. Kadifit is particularly suitable for stainless steel tanks because it does not release free  $SO_2$  into the tank headspace. Kadifit completely dissolves, preventing wall corrosion in the headspace.

## Storage

Kadifit should be stored in a dry place and kept out of the reach of children.