

EFFERBAKTOL 125 granules

Sparkling Potassium Metabisulfite granules

SULPHITING FOR MUSTS AND WINES

CHARACTERISTICS

- ◆ **EFFERBAKTOL 125 granules** are prepared from potassium metabisulphite (E 224) and potassium bicarbonate (E 501).
- ◆ **Each sachet of EFFERBAKTOL 125 granules contains 125 grams of pure SO₂.**
- ◆ On contact with must or wine, **EFFERBAKTOL 125 granules** becomes naturally sparkling. This phenomena produces a foam on the surface that momentarily retains the granules and, thus, assures a good protection at the top of the tank.
- ◆ **EFFERBAKTOL 125 granules** is made up of different sized granules. During the dispersion in the must or wine, the sparkling granules sink at different speeds depending on their sizes and disperse throughout the whole of the tank, thus, allowing a homogenisation of the sulphiting as effective as that of SO₂ gas.
- ◆ **EFFERBAKTOL 125 granules** respects the environment :
 - ◆ significant reduction in the volume of waste of liquid products : a container soiled by bisulphite is a “déchets industriels spéciaux” (DIS) – a special industrial waste.
 - ◆ limitation in emanations of SO₂ into the atmosphere with regards to SO₂ gas and liquid.
 - ◆ better work conditions for users

APPLICATIONS

- ◆ **EFFERBAKTOL 125 granules** is destined for sulphiting, at all stages of wine production :
 - ◆ During the harvest, sulphiting of grape tubs and musts at the out flow without having to mix
 - ◆ On wine, sulphiting of tanks during vinification and ageing :
Thanks to its composition and to its granule form, **EFFERBAKTOL 125 granules** avoid, in the majority of cases, the tedious stage of a pumping over and mixing after sulphiting.
- ◆ With **EFFERBAKTOL 125 granules** the SO₂ homogenisation is better than with all other forms of sulphiting.

DOSAGES

The number of sachets to be used depends on the concentration of SO₂ and the volume of the container. To determine the requirements, refer to the tables below :

- ◆ Sulphiting of tubs at the harvest with **EFFERBAKTOL 125 granules** :

NUMBER OF SACHETS NEEDED

	Sulphiting in g/hL		
	4,1 g/hL	<u>8,3 g/hL</u>	12,5g/hL
<u>Tub of 4000 kg</u>	1	<u>2</u>	3

	Sulphiting in g/hL			
	2,4 g/hL	4,8 g/hL	7,1 g/hL	9,5 g/hL
Tub of 7000 kg	1	2	3	4

The calculation has been done for a yield in the region of 75% (4000 kg of grapes give 30hL of must).

Example : to sulphite a tub of 4000 kg of grapes at 8,3g/hL, you need 2 sachets of **EFFERBAKTOL 125 granules**

A readjustment of SO₂ may be necessary at the inlet of the cellar.

Use EFFERBAKTOL 50 granules (ref 1.000) or EFFERBAKTOL 100 granules (ref 1.110) for tubs ou dosages less important.

- ◆ Sulphiting of different tanks with **EFFERBAKTOL 125 granules** :

NUMBER OF SACHETS NEEDED

		Sulphiting in g/hL				
		1g/hL	2g/hL	3g/hL	4g/hL	<u>5g/hL</u>
Volume of tanks in hL	50 hL	0,4	0,8	1,2	1,6	2
	<u>100 hL</u>	0,8	1,6	2,4	3,2	<u>4</u>
	150 hL	1,2	2,4	3,6	4,8	6
	300 hL	2,4	4,8	7,2	9,6	12

Example : to sulphite a tank of 100hL at 5g/hL you need 4 sachets of **EFFERBAKTOL 125 granules**

- ◆ If you need to split up the sachets, use the following guide :
 1 sachet of **EFFERBAKTOL 125 granules** contains 125 g of SO₂, thus, 300 g of granules.
 To obtain 1g of SO₂ you need, therefore, 2,5 g of granules.

	Grams of SO ₂									
	1	2	3	4	5	6	7	8	9	10
Weight of granules in grams	2,5	5	7,5	10	12,5	15	17,5	20	22,5	25

DIRECTIONS FOR USE

- ◆ Determine the number of sachets needed for the sulphiting according to the above tables.
- ◆ Open the sachets by tearing the envelop at the crimp of the join
- ◆ In the tubs, spread out the granules over all the surface of the grapes.
- ◆ For the sulphiting of the tanks, sprinkle the granules on the top of the tank distributing them, as far as possible, over all the surface of the wine.

PACKAGING

- ◆ Sachet of 125 g of SO₂ (300 g of granules) – carton of 60 sachets

STORAGE INSTRUCTIONS

- ◆ Unopened original sealed packaging, store in a dry, odourless environment, out of the light.
- ◆ Once opened : use quickly, this product is hygroscopic and loses all sparkle exposed to humidity.

SAFETY INSTRUCTIONS

- ◆ **EFFERBAKTOL 125 granules** is classified **Xi-Irritant**
 - R 31** : Contact with acids liberates toxic gas.
 - R37** : Irritating to respiratory system.
 - R41** : Risk of serious damage to eyes.
 - S26** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
 - S39** : Wear eye/face protection.