

# EFFERBAKTOL 50 granules

Sparkling Potassium Metabisulfite granules

SULPHITING FOR MUSTS AND WINES

## CHARACTERISTICS

- ◆ **EFFERBAKTOL 50 granules** are prepared from potassium metabisulphite (E 224) and potassium bicarbonate (E 501).
- ◆ **Each sachet of EFFERBAKTOL 50 granules contains 50 grams of pure SO<sub>2</sub>.**
- ◆ On contact with must or wine, **EFFERBAKTOL 50 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 50 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 SO<sub>2</sub> gas.
- ◆ **EFFERBAKTOL 50 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 SO<sub>2</sub> into the atmosphere with regards to SO<sub>2</sub> gas and liquid.
  - ◆ better work conditions for users

## APPLICATIONS

- ◆ **EFFERBAKTOL 50 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 50 granules** avoid, in the majority of cases, the tedious stage of a pumping over and mixing after sulphiting.
- ◆ With **EFFERBAKTOL 50 granules** the SO<sub>2</sub> homogenisation is better than with all other forms of sulphiting.

## DOSAGES

The number of sachets to be used depends on the concentration of SO<sub>2</sub> and the volume of the container. To determine the requirements, refer to the tables below :

- ◆ Sulphiting of tubs at the harvest with **EFFERBAKTOL 50 granules** :

### NUMBER OF SACHETS NEEDED

	Sulphiting in g/hL				
	3,3g/hL	<b>5g/hL</b>	6,6g/hL	8,3g/hL	10g/hL
Tub of 2000 kg	1	1,5	2	2,5	3
<b>Tub of 4000 kg</b>	2	<b>3</b>	4	5	6

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 5g/hL, you need 3 sachets of **EFFERBAKTOL 50 granules**

A readjustment of SO<sub>2</sub> may be necessary at the inlet of the cellar.

- ◆ Sulphiting of different tanks with **EFFERBAKTOL 50 granules** :

### NUMBER OF SACHETS NEEDED

		Sulphiting in g/hL				
		1g/hL	<b>2g/hL</b>	3g/hL	4g/hL	5g/hL
Volume of tanks in hL	25 hL	0,5	1	1,5	2	2,5
	50 hL	1	2	3	4	5
	<b>100 hL</b>	2	<b>4</b>	6	8	10
	150 hL	3	6	9	12	15
	300 hL	6	12	18	24	30

**Example** : to sulphite a tank of 100hL at 2g/hL you need 4 sachets of **EFFERBAKTOL 50 granules**

- ◆ If you need to split up the sachets, use the following guide :  
1 sachet of **EFFERBAKTOL 50 granules** contains 50 g of SO<sub>2</sub>, thus, 125 g of granules.  
To obtain 1g of SO<sub>2</sub> you need, therefore, 2,5 g of granules.

	Grams of SO <sub>2</sub>									
	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 50 g of SO<sub>2</sub> (125g of granules) – carton of 120 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 50 granules** is classified **Xi-Irritant**

**R31** : contact with acids liberates toxic gas.

**R36/37** : Irritating to eyes and respiratory system.

**S26** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.