



# LES ESSENTIELS

## BICARBONATE DE POTASSIUM

---

**De-acidifying product.**

### CHARACTERISTICS

---

Used for deacidification purposes, **BICARBONATE DE POTASSIUM** ( $\text{KHCO}_3$ ) with tartaric acid, produces insoluble salts: KTH.

Colorless, transparent, odor-free and air-stable crystals.

### APPLICATIONS

---

**BICARBONATE DE POTASSIUM** along with tartaric acid, produces insoluble salts.

In addition to a chemical neutralization, a part of the de-acidification is due to over-saturating in potassium.

The effect of **BICARBONATE DE POTASSIUM** is less precise than calcium carbonate with the salts that it forms with tartaric acid (KTH) being less insoluble than CaT. The reduction of acidity is lower but is also more progressive.

In general, it is preferable due to a lower dose than the theoretical dose. However, the absence of calcium will allow for easier stabilization once the treatment process has ended.

### APPLICATION RATE

---

In theory, adding 1 gram of **BICARBONATE DE POTASSIUM** to a liter of wine causes a drop in acidity of 0.49 g/l, expressed in sulphuric acid. The reality is not so simple, since additions have secondary effects on pH levels and on other precipitations of salts. These consequences will only be totally noticeable after being chilled.

**BICARBONATE DE POTASSIUM** is recommended **for low level deacidifications**. For example, adding 40 to 45 g/hl of  $\text{KHCO}_3$  enables lowering total acidity, expressed in sulphuric acid to around 0.3 g/l.

*Desacidification is only authorized in certain viticulture regions, under certain conditions.*

### INSTRUCTIONS FOR USE

---

#### **Precaution for use:**

For oenological and specifically professional use.

Use according to current regulations in force.

### PACKAGING

---

1, 5 and 25 kg.

### STORAGE

---

Full packaging, seal of origin, store away from light in a dry and scent-free place.

Once open: use quickly.

*Information given in this document represents our current knowledge. It is not binding and offered without guarantees since the application conditions are out of our control. It does not release the user from abiding by the legislation and applicable health and safety standards. This document is the property of SOFRALAB and may not be modified without its agreement.*

**226/2018 – 1/1**