

Potassium Metabisulfite

Data Sheet

- **Product name:** Potassium Metabisulfite.
- **Chemical name:** Potassium Bisulfite powder. Potassium Pyrosulfate.
- **Chemical Formula:** $K_2S_2O_5$.
- **Appearance:** Free-flowing, white, needle-shaped crystals.
- **Packaging:** Powder: 1kg-jars (2.2lb), 25-kg bags (55lb) and 700kg (1543lb) bags. ([*Read specifications](#))
Various concentrations solutions ([*Read specifications](#))



Composition

Chemically pure potassium metabisulfite.

Directions

Dissolve in a little bit of water, must or wine, homogenize it and apply it to the product to be treated using the following doses:

- 10 - 30g/hl for must, depending on grape conditions
- 2 - 5 g/hl for wine during clarification, devatting or after filtration
- 10-15 g/hl for preserving filtered sweet wines

Note

For maximum doses, refer to laws ruling the use of potassium metabisulfite.

Storage

- Unopened package: Keep in a cool, dry, well-ventilated place.
- Opened package: close the package carefully after using the product.



Product Applications:

- **Wine-making industry:** in must and wine, it acts as an antioxidant, antioxidasic and antiseptic fighting undesired microflora. It facilitates fenolic substance solubilization.



Juan Messina S.A. - Industrias Químicas
Sarmiento 451 - Villa Nueva - Guaymallén
Mendoza - Arg. / info@juanmessina.com.ar

Tel/Fax: +54 261 4450909
www.juanmessina.com.ar

Potassium Metabisulfite

► Product: **Potassium Metabisulfite**

► Product Identification in the program: "Manufactured Products Control"

► Code: MBSK02062008

SPECIFICATIONS			
Parameters	Unit	Minimum	Maximum
pH (10% solution in water)	-	4.00	5.00
Purity - MBSK	% (p/p)	97.00	100.00
SO ₂ content	% (p/p)	55.90	57.60
Appearance	Small needle-shaped, free-flowing white crystals		

► Product: **SO₂ Potassium Metasulfite 85 g/L Solution**

► Product Identification in the program: "Manufactured Products Control"

► Code: MBSK107092004

SPECIFICATIONS			
Parameters	Unit	Minimum	Maximum
Density at 25°C (77°F)	g/mL	1.112	1.128
Product pH (Pure) at 25°C (77°F)	-	3.6	4.4
Degree Baumé	°Bé	14.60	16.40
SO ₂	% (p/p)	7.25	8.17
SO ₂ g/L	g/L	80.60	92.20
MBSK g/L	g/l	140.00	160.00
Color	Colorless		
Appearance	Transparent liquid		

► Product: **SO₂ Potassium Metabisulfite 160 g/L Solution**

► Product Identification in the program: "Manufactured Products Control"

► Code: MBSK207092004

SPECIFICATIONS			
Parameters	Unit	Minimum	Maximum
Density at 25°C (77°F)	g/mL	1.180	1.200
Product pH (pure) at 25°C (77°F)	-	4.40	5.00
Degree Baumé	°Bé	22.10	24.20
SO ₂ content	%	13.56	15.00
SO ₂ g/L	g/L	160.00	180.00
MBSK g/L	g/l	278.00	312.00
Color	Colorless		
Appearance	Transparent liquid		

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