



Product specification

Revision 0

2015-01-06

Page 1 of 1

Rev. 9

dated 2012-09-05

POTASSIUM METABISULFITE FOOD GRADE (E 224)

1. General

The unit producing this product is certified according to ISO 9001. An HACCP concept is implemented. GMP requirements according to FDA Title 21 Food and Drugs, cGMP Part 110 and "BRC Global Standard Food" (Classification: A) are fulfilled.

Appearance: white, fine crystalline powder with an odour of SO₂
Chemical Name: Potassium Metabisulfite, K₂S₂O₅
CAS no.: 16731-55-8
EINECS no.: 240-795-3

2. Properties

Property	Unit	Limit	Test method
K ₂ S ₂ O ₅	g/100 g	min. 97.2	ANSI PH 4.277-1980
SO ₂	g/100 g	min 56.0	calculated
Thiosulfate (as S ₂ O ₃ ²⁻)	g/100 g	max. 0.01	European Pharmacopoeia
Na	g/100 g	max. 2.0	ICP-OES
Chloride	g/kg	max. 0.5	IC
pH-value (10% solution)	-	3.8 – 4.8	BASF method
Heavy metals as Pb	mg/kg	max. 10	ICP-OES
As	mg/kg	max. 1	ICP-OES
Cd	mg/kg	max. 1	ICP-OES
Cu	mg/kg	max. 1	ICP-OES
Fe	mg/kg	max. 5	ICP-OES
Hg	mg/kg	max. 0.1	AAS (cold vapour)
Pb	mg/kg	max. 1	ICP-OES
Se	mg/kg	max. 1	ICP-OES
Zn	mg/kg	max. 1	ICP-OES
K ₂ SO ₃ + K ₂ SO ₄	-	remainder	calculated

Potassium Metabisulfite Food Grade fulfils the purity criteria for food additives set by Directive (EU) 231/2012, the Joint (FAO/WHO) Expert Committee on Food Additives (JECFA) in the Codex Alimentarius as well as the one contained in the Food Chemical Codex and in the resolution "OENO 34-2000" of the International Oenological Codex. The purity of this product fulfils the specification limits of the effective edition of the US Pharmacopoeia as well as the European Pharmacopoeia.

For use as a food additive, Potassium Metabisulfite Food Grade has a limited license according to E-No. 224.

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.



ANDREA GALLO DI LUIGI S.r.l.

Azienda fondata nel 1892

www.andreagallo.it

January 5, 2015

Isocyanate & Precursors Europe
Quality Management

Page 1 of 1

ALLERGENE DECLARATION

We hereby certify that our product(s)

POTASSIUM METABISULFITE FOOD GRADE (E 224) is an allergen itself!

does not contain any substances or products causing allergies or intolerances, listed in Annex II of Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers (...).

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

This confirmation expires after 24 months or in case of regulatory changes. Please ask for a new confirmation if needed.



January 5, 2015

Isocyanate & Precursors Europe
Quality Management

Page 1 of 1

GMO Declaration

We hereby certify that following products do not contain genetically modified organisms, and are not produced using raw materials of genetically modified origin.

At no stage during production do the following products come into contact with genetically modified organisms or with any product produced in association with genetically modified organisms.

- SODIUM SULFITE FOOD GRADE (E221)
- SODIUM METABISULFITE FOOD GRADE (E223)
- SODIUM BISULFITE SOLUTION FOOD GRADE (E222)
- POTASSIUM METABISULFITE FOOD GRADE (E224)
- SODIUM NITRATE FOOD GRADE (E251)
- SODIUM NITRITE FOOD GRADE (E250 + Free Flowing)
- AMMONIUM CARBONATE FOOD GRADE (E503i)
- AMMONIUM BICARBONATES – AMMONIUM HYDROGEN CARBONATES (E503ii)
- AMMONIUMCHLORIDES AF, RWS and S
- SODIUM and POTASSIUM METHYLATES, ETHYLATES, PROPYLATES, BUTYLATES and AMYLATES

We also certify that above products are not produced with the use of ionising radiations and/or treated with ionising radiations after the production.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

This confirmation expires after 24 months or in case of regulatory changes. Please ask for a new confirmation if needed.