

Progusta PD

Potassium diacetate food grade

Progusta PD potassium diacetate is supplied as free flowing crystals.

PRODUCT PROPERTIES

Chemical name	Potassium diacetate
Formula	C ₄ H ₇ KO ₄
Product form	White crystals
Molecular weight	158.2 g/mol
CAS No.	4251-29-0
EINECS No.	224-217-7
HS-code EU	2915.29.00
HS-code US	2915.29.5000
Relative density at 20 °C	0,83 g/cm ³
Solubility in water at 20 °C	170 g/100 ml
Sodium content:	0 g Na ⁺ /100 g

Applications

Acidity regulator

Potassium diacetate is used as a buffering agent to control the acidity of food. It can be used in low sodium recipes as replacement of sodium diacetate.

Flavoring agent

Potassium diacetate can be used as a flavoring agent to impart a vinegar taste to

food products, for example potato crisps. It effectively supplies free acetic acid in a solid form without adding sodium so it can be used for the production of low salt food products or low salt powdered seasonings.

Preservation

Potassium diacetate can be used as a preservative in various processed foods such as processed meat products, ready-to-eat meals, salad dressings etc. It is a sodiumfree replacement of sodium based preservatives, like sodium diacetate.

In all cases, it is advisable to carry out an initial test, so that the precise effects on product properties can be determined.

Legislation

Potassium diacetate is an approved food additive according to EU and FDA legislation and JECFA (FAO/WHO). Please check local legislation for the exact dosage levels and allowed applications.

Stability

Progusta PD is stable for 2 years from date of production. Physical stability and appearance can change before the end of shelf-life if the product is not stored in closed original packing, kept dry and at room temperature or if the pallets are stacked.

Warranty. This information herein is offered as a guide and is believed to be accurate and reliable as of the date of the printing. The values given are not to be considered as a warranty and they are subject to change without prior notice. For additional information regarding our products or for information concerning current specifications, please contact our Technical Service.

Handling

Progusta PD is classified as irritant and classified with the hazardous R41 phrase: "Risk of serious damage to eyes". Always check the Safety Data Sheet and label before using this product.

Packaging

Progusta PD crystal grade is available in 25kg polyethylene lined paper bags.

Safety precautions

Please see the Safety Data Sheet before handling the material.

This product is produced in the Netherlands.

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