

# Progusta SD

## Sodium diacetate food grade

Progusta SD sodium diacetate is supplied as free flowing crystals, as a powder, as a fine powder or as a very fine powder. Progusta SD contains approximately equimolar amounts of sodium acetate and acetic acid.

### PRODUCT PROPERTIES

Chemical name	Sodium diacetate
Formula	CH <sub>3</sub> COONa.CH <sub>3</sub> COOH
Product form	White crystals or powder
Molecular weight	142.09 g/mol
CAS No	126-96-5
EINECS No.	204-814-9
HS-code EU	2915.29.00
HS-code US	2915.29.5000
Relative density at 20 °C	1.41 g/ml
Solubility in water	
at 0 °C	86 g/100 ml
at 20 °C	104 g/100 ml
at 40 °C	127 g/100 ml
at 60 °C	158 g/100 ml
at 80 °C	203 g/100 ml

### Applications

#### Acidity Regulation

Sodium diacetate is used as a buffering agent to control the acidity of food. Due to its dry form, it can be applied either in dry or liquid blends or directly to the final food product.

#### Flavoring agent

Sodium diacetate can be used as a flavoring agent to impart a vinegar taste to food products, for example potato crisps or potato salads. It effectively supplies free acetic acid in a solid form and can be used separately or in combination with other additives, and applied as a powdered seasoning.

#### Preservation

Sodium diacetate can also be used as a preservative in many food applications, such as processed meat products, fish, bread and salad dressings.

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

### Legislation

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

**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.

**Niacet Corporation**  
400, 47<sup>th</sup> Street  
Niagara Falls, NY 14304  
USA

Tel: +1 (716) 285-1474 / +1 (800) 828-1207  
niacetcsr@niacet.com

[www.niacet.com](http://www.niacet.com)

**Niacet b.v.**  
P.O. Box 60, 4000 AB Tiel  
The Netherlands  
Tel. +31 344 615 224  
tiel@niacet.nl

### Stability

Progusta SD 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.

### Handling

Progusta SD is classified with hazard statement H318 (causes serious eye damage). Always check the Safety Data Sheet and label before using this product.

### Packaging / available grades

1. Progusta SD (coarse) crystal grade available in 25kg bags and 1000kg big bags.
2. Progusta SD powder grade available in 25kg bags.
3. Progusta SD fine powder grade available in 25kg bags.
4. Progusta SD very fine powder grade available in 50lb bags and 250lb drums.

### Safety precautions

Please see the Safety Data Sheet before handling this material.

This product is produced in the Netherlands and in the USA.

**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.

#### Niacet Corporation

400, 47<sup>th</sup> Street  
Niagara Falls, NY 14304  
USA

Tel: +1 (716) 285-1474 / +1 (800) 828-1207  
niacetcsr@niacet.com

[www.niacet.com](http://www.niacet.com)

#### Niacet b.v.

P.O. Box 60, 4000 AB Tiel  
The Netherlands  
Tel. +31 344 615 224  
tiel@niacet.nl