



Specialized in chemicals

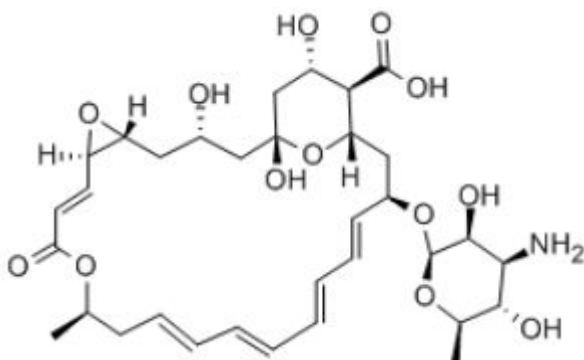
Hefei TNJ Chemical Industry Co.,Ltd.
B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China
Tel : (0086) 551 5418695
Fax: (0086) 551 5418697
Email: info@tnjchem.com
Site: www.tnchem.com

Technical Data Sheet

Natamycin

Product Information

Chemical Name	Natamycin
CAS #	7681-93-8
EINECS	205-302-8
Formula	C ₃₃ H ₄₇ NO ₁₃
Molecular Weight	665.73
Synonyms	Pimaricin;PIMAFUCIN;
Chemical Structure	



Description

Natamycin(Pimaricin) is an antimycotic product which have broad and effective action. It not only inhibits the growth of different moulds and yeasts, but also inhibits the production of their toxin. Commercial Natamycin contains 50% of the active substance. Small quantities of Natamycin can inhibit all moulds and yeasts, which cause food spoilage. Natamycin has no effect on bacteria, so it does not prevent in the natural maturing process of yoghurt , cheese , fresh Ham, sausage, ect.

Physical Properties

Natamycin is a white to yellow flavourless, odourless crystalline powder. It is very stable with its crystal form. The solubility of Natamycin is very low in water and in most organic solvents. Only 50mg Natamycin can be dissolved in pure water at room temperature. The low solubility makes it very suitable for use on the surface of food. Natamycin will stay on surface of food, where most moulds and yeasts may grow, but does not influence the natural course of fermentation inside.

Specification

Appearance	White to milky yellow crystalline powder
Purity(on dry basis)	90%~102%
Loss on drying	6.0%~9.0%
pH	5.0~7.5
Total aerobic microbial count	≤100CFU/gram
Pb	≤1mg/kg
As	≤1mg/kg

Safety

Natamycin is a common goods on transportation;
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Natamycin(Pimaricin) is an antimycotic product which have broad and effective action. It not only inhibits the growth of different moulds and yeasts, but also inhibits the production of their toxin.

Packaging

1kg per bag, 10kg per carton;
5kg per bag, 20kg per drum

Storage & Handling

Normal measures for preventive fire protection.
For precautions see section 2.2.
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Recommended storage temperature: 2 - 8 ° C
Light sensitive.
Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 5418695
Fax: (0086) 551 5418697
Email: info@tnjchem.com
Site: www.tnjchem.com