

## NATAMYCIN

### MATERIAL SAFETY DATA SHEET

Date of issue: January 2018

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING	
Chemical product name	: Natamycin Concentrate
Common chemical name	: Pimaricin, Tencetin, Natamycin
Chemical formula	: C <sub>33</sub> H <sub>47</sub> NO <sub>13</sub>
Supplier	: PACKHAUS ROCKMANN GmbH Osttor 9 48324 Sendenhorst Germany
Emergency phone number	: Tel. +49-2526-939377 Fax +49-2526-939378
2. COMPOSITION /INFORMATION ON INGREDIENTS	
Substance/preparation	: This product is a pure compound
Chemical name	: CAS (7681-93-8), INS 235, EEC No. 235
CAS number	: 7681-93-8
EEC number	: E235
	:
3. HAZARD IDENTIFICATION	
<b>Hazards</b>	No adverse effects from available information
<b>Eyes:</b>	Not irritating. Dust may cause mechanical irritation.
<b>Skin:</b>	Not available.
<b>Inhalation:</b>	Not available.
<b>Chronic effects:</b>	Not available.
4. FIRST AID MEASURES	
<b>Eye Contact:</b>	Check for and remove any contact lenses. Flush eyes with plenty of water for at least 15 minutes.
<b>Skin Contact:</b>	Flush skin with plenty of water or with antiseptic soap.
<b>Inhalation:</b>	Move to fresh air.
<b>Ingestion:</b>	Wash out mouth with water.
<b>Note:</b>	If necessary, get medical attention.
5. FIRE-FIGHTING MEASURES	
<b>Extinguishing media:</b>	Use dry chemical powder, water
<b>Hazardous thermal:</b>	CO, CO <sub>2</sub> , NO (de) composition
<b>Protective equipment:</b>	Wear shell-contained breathing apparatus and protective



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clothing to prevent contact with skin and eyes.

**Note:**

Fire, flame and sparks should be kept away from open containers.

## 6. ACCIDENTAL RELEASE MEASURES

**Procedures of personal precautions:**

Use appropriate personal protection. Prevent forming of dust clouds.

**Methods for cleaning up:**

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Wash spill site after material pickup is complete.

## 7. HANDLING AND STORAGE

**Handling precaution:**

Wear suitable protective clothing and chemical safety gloves. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep away from incompatibles or ignition sources, heat and flame.

**Storage:**

Store in a cool, well-ventilated area and keep in a tightly closed container. Keep away from direct sunlight

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

**Personal Protection:**

**Respiratory:**

Wear dust mask if needed.

**Eye:**

: Safety Goggles.

**Clothing:**

: Protective clothing.

**Hand:**

: Chemical-resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: White or white to yellow crystalline powder

Odour

: Neutral to slightly acid-like

pH

: 5.0~7.5

Solubility :

Hardly soluble in water, slightly soluble in acetone and ethanol

## 10. STABILITY AND REACTIVITY

Stability

: Stable under normal conditions as recommended.

Conditions to avoid

: Strong oxidant

Hazardous decomposition products

: CO, CO<sub>2</sub>, Nitrogen oxides



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<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Toxicity data:</b>	Oral Rat LD50 2730 mg/kg
<b>Irritation Data:</b>	Maybe cause eyes and skin irritation.
<b>12. ECOLOGICAL INFORMATION</b>	
No data available.	
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Disposal:</b>	Dispose in accordance with national, state and local environmental control regulations.

<b>14. TRANSPORT INFORMATION</b>	
<b>DOT Class:</b>	<b>Hazard</b> Not hazardous for transport.
<b>IATA:</b>	Not hazardous for air transport.
<b>IMO:</b>	Not hazardous for sea transport.

<b>15. REGULATORY INFORMATION</b>	
<b>EU Additional</b>	: This product is not dangerous according to the EC regulations.
<b>National regulations:</b>	: No special label

<b>16. OTHER INFORMATION</b>	
<p><b>Warning:</b> This product is a chemical substance and is intended to be used by persons having chemical knowledge and skill, at their own discretion and risk.</p> <p>The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability 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.</p>	