

Creation Date 24-Mar-2009

Revision Date 24-Mar-2009

Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** Nitrocefin Beta Lactamase Disk  
**Cat No.** R211667  
**Synonyms** No information available.  
**Recommended Use** No information available.

**Company** Remel  
 12076 Santa Fe Drive  
 Lenexa, KS 66215 United States  
 Telephone: 1-800-255-6730  
 Fax: 1-800-621-8251

**Emergency Telephone Number** INFOTRAC - 24 Hour Number: 1-800-535-5053  
 Outside of the United States, call 24 Hour Number: 001-352-323-3500 (Call Collect)

## 2. HAZARDS IDENTIFICATION

Xn



**R -phrase(s)**

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Haz/Non-haz**

Component	Weight %	EC No.	Classification
Nitrocefin 41906-86-9	0.3 mg (per disk)	-	-

For the full text of the R phrases mentioned in this Section, see Section 16

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#### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Do not induce vomiting. Call a physician or Poison Control Center immediately.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
<b>Notes to Physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Extinguishing media which must not be used for safety reasons**

No information available.

**Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

<b>Flash Point</b>	No information available.
<b>Method</b>	No information available.
<b>Autoignition Temperature</b>	No information available.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Environmental Precautions</b>	Should not be released into the environment.
<b>Methods for Containment and Clean Up</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Specific use(s)</b>	No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

The product does not contain any hazardous materials with occupational exposure limits established.

### Occupational exposure controls

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers are close to the workstation location
<b>Personal Protective Equipment</b>	
<b>Respiratory Protection</b>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Eye Protection</b>	Tightly fitting safety goggles
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Hand Protection</b>	Protective gloves
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental exposure controls</b>	No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid
<b>Appearance</b>	Yellow, Grey
<b>pH</b>	No information available.
<b>Boiling Point/Range</b>	No information available.
<b>Melting Point/Range</b>	204°C / 399.2°F
<b>Flash Point</b>	No information available.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Incompatible products
<b>Incompatible Materials</b>	Strong oxidizing agents

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**Hazardous Decomposition Products** None under normal use

**Hazardous Polymerization** Hazardous polymerization does not occur

**Hazardous Reactions .** None under normal processing.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

**Product Information** No acute toxicity information is available for this product

**Component Information**

**Chronic Toxicity**

**Carcinogenicity** There are no known carcinogenic chemicals in this product

**Sensitization** No information available.

**Neurological Effects** No information available.

**Mutagenic Effects** No information available.

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Target Organs** None known.

**Other Adverse Effects** The toxicological properties have not been fully investigated..

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

**Persistence and Degradability** No information available

**Bioaccumulative Potential** No information available.

**Mobility** No information available.

**13. DISPOSAL CONSIDERATIONS**

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### 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products**

Dispose of in accordance with local regulations

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal

### 14. TRANSPORT INFORMATION

#### IMDG/IMO

<b>UN-No</b>	UN2811
<b>Hazard Class</b>	6.1
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	TOXIC SOLID, ORGANIC, N.O.S.

#### ADR

<b>UN-No</b>	UN2811
<b>Hazard Class</b>	6.1
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	TOXIC SOLID, ORGANIC, N.O.S.

#### IATA

<b>UN-No</b>	UN2811
<b>Hazard Class</b>	6.1
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	TOXIC SOLID, ORGANIC, N.O.S.

### 15. REGULATORY INFORMATION

#### Labelling

**Symbol(s)**  
Xn

Xn - Harmful



**R -phrase(s)**

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

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**S -phrase(s)**

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

**International Inventories**

**16. OTHER INFORMATION**

<b>Prepared By</b>	Regulatory Affairs
<b>Creation Date</b>	24-Mar-2009
<b>Revision Date</b>	24-Mar-2009
<b>Revision Summary</b>	"****", and red text indicates revision
<b>Restrictions on use</b>	No information available.
<b>Training advice</b>	No information available.
<b>Literary reference</b>	No information available.

**Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**