

## MATERIAL SAFETY DATA SHEET

**PRODUCT:**  
**Sheet No.: 494**

**APSAMIX COLISTIN 40 mg/g**  
**Revision 1**      **Date: August 2008**

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

**Product information**

**Name of the product**      **APSAMIX COLISTIN 40 mg/g**

**Use of the Preparation**

**Recommended use**      Premix for medicated animal feed.

**Company name**

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**Information in case of emergency** National Toxicology Information Service Telephone No.:  
91/5620420

### 2. COMPOSITION/ INFORMATION ON INGREDIENTS

<b><u>CAS No.</u></b>	<b><u>EEC No.</u></b>	<b><u>UN No.</u></b>
1264-72-8	N.A.	N.A.
<b>Chemical family</b>	Polypeptide antibiotic (cyclopeptide).	
<b>Chemical description</b>	Medicated premix containing 1,200,000 IU/g of colistin sulphate.	

### 3. HAZARDS IDENTIFICATION

**Hazards for humans**      Causes irritation to the eyes, mucosa and airways. May also cause irritation if swallowed.

**Physicochemical hazards**      Combustible product. It is recommended that equipment in contact with the product be earthed in order to prevent discharges of static electricity.

### 4. FIRST AID MEASURES

**Procedure for:**

<b>Eye Contact</b>	Flush with water for at least 15 minutes, separating the eyelids.
<b>Clothing</b>	Remove and do not reuse until cleaned.
<b>Skin Contact</b>	Wash the affected area with plenty of soap and water.
<b>Ingestion</b>	Rinse out the mouth with water and seek medical attention immediately, indicating the product ingested.
<b>Inhalation</b>	Remove to fresh air. Seek medical attention if respiratory symptoms persist.

5. FIREFIGHTING MEASURES

<b>Explosion and Fire Hazards</b>	Non-flammable and non-explosive.
<b>Suitable extinguishing media</b>	Water spray, foam, dry powder, CO <sub>2</sub> .
<b>Special fire-fighting equipment</b>	In case of fire, it is recommended to use suitable protective equipment.

6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Persons handling the spill must wear full protective clothing.
<b>Environmental precautions</b>	Prevent the spilled product from entering draining systems, enclosed spaces or water courses.
<b>Clean-up Procedure</b>	Demarcate the area. Collect the product mechanically. Store in suitable containers and dispose of according to applicable legislation. Prevent dust formation. Ventilate the area and clean with plenty of water once the spill has been cleaned up.

7. HANDLING AND STORAGE

**Handling**

Recommendations	<ul style="list-style-type: none"> <li>- Do not handle the product if hypersensitive to colistin. Handle the product with care in order to avoid contact while it is being added to the feed. During administration of the medicated feed to the animals, take the specific precautions:</li> <li>- Take adequate measures to prevent the spread of dust while the product is being added to the feed.</li> <li>- Wear anti-dust mask (in accordance with regulation EN140FFP1), goggles, gloves and overalls.</li> <li>- Avoid contact with the skin and eyes. In the event of contact, wash with plenty of water.</li> </ul>
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Ventilation      Handling should take place in well-ventilated areas.

Preventive measures      Keep the work area clean and ensure good personal hygiene. Instruct personnel on the risks of the product. Do not smoke, eat or drink while handling the product.

**Storage**

Storage conditions	Cool, dry, well-ventilated place.
Special conditions	Keep out of direct sunlight.
Prevention of static electricity	Is recommended that measures should be taken against static electricity, by earthing the equipment.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control of Professional Exposure

Respiratory protection	Breathing mask with anti-dust filters.
Eye protection	Goggles.
Hand protection	Rubber or PVC gloves.
Special	Safety showers and eye wash.
Ventilation measures	Dust-removing ventilation systems.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown granulated powder.
Solubility in water	Insoluble.

## 10. STABILITY AND REACTIVITY

The product should be stored according to the requirements on the label.

## 11. TOXICOLOGICAL INFORMATION

Any person who develops an anaphylactic reaction to the product must receive immediate medical attention.

<u>Over-exposure to the dust</u>	May cause allergic reactions if inhaled or in contact with the skin. Long-term overexposure to the product may cause hypersensitivity.
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## 12. ECOLOGICAL INFORMATION

No specific data available. Do not disperse into the environment.

## 13. DISPOSAL CONSIDERATIONS

The used containers and any contents remaining must be disposed of in an environmentally safe manner and in accordance with legal and national requirements.

## 14. TRANSPORT INFORMATION

The product is not regulated as a hazardous material.

## 15. REGULATORY INFORMATION

The product is not regulated as a hazardous material.

## 16. OTHER INFORMATION

All chemical products can be handled safely if their physical and chemical properties are known and the appropriate safety measures and clothing are used.

The data contained herein is a guideline for the user, based on bibliographical references and our own experience, attempting to reflect the current technical situation. The information is believed to be correct. Its application does not exempt the user from compliance with applicable legislation.