

PUROMYCIN Safety Data Sheet

Revised: 09.02.04

Replaces: 10.01.04

Date of printing:

09.02.04

Page 1 of 2

1. Name of substance/preparation and company	
1.1 Commercial product: Puromycin Cat.-No.: ant-pr-1, ant-pr-5 (10mg/ml solution) 1.2 Company: CAYLA SAS- InvivoGen 5 rue Jean Rodier BP 4437 31 405 Toulouse Cedex 04 France Tel. ++33 (0)5 62 71 69 39 Information obtainable from: ++33 (0)5 62 71 69 39 This product is for laboratory use only and is not intended for human or animal diagnostics, therapeutic or clinical uses	
2. Composition/Information on constituents	
The following list shows components of this product classified as hazardous based on physical properties and health effects Puromycin, not classified as hazardous component CAS-No.: 58-58-2 Molecular formula: C ₂₂ H ₂₉ N ₇ O ₅ HCL Molecular weight: 544.4 EC number not available	
3. Hazards identification	
Warnings: The usual precautions taken when handling chemicals should be observed. Puromycin is a potential hazardous compound CAUTION: may be harmful if swallowed <ul style="list-style-type: none">- Eyes: May cause irritation.- Skin: Can cause moderate skin irritation,. Not likely to cause permanent damage.- Inhalation: Can cause moderate respiratory irritation.- Ingestion: may be harmful if swallowed <u>Chronic effects:</u> <ul style="list-style-type: none">- target organs: pancreas, liver, kidney <u>Target organ Data:</u> <ul style="list-style-type: none">- target organs: pancreas, liver, kidney See RTCES n° AU7355000 for complete information	
4. First aid measures	
<u>First aid:</u> Eye contact: Wash immediately eyes with plenty of water for at least 15 minutes. Get medical attention; Skin contact: Wash off with plenty of water and soap, remove contaminated clothes. Get medical attention Ingestion: give plenty of water if conscious. If vomiting occurs naturally, wash mouth out. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention if symptoms develop. Inhalation: Remove victim to fresh air, if malaise develops go to a physician, if breathing is difficult give oxygen. Instructions for symptomatic treatment by a physician: Treat symptomatically	
5. Fire-fighting measures	
Flash point Degree : Not available Upper flammable limit %: Not available Lower flammable limit %: Not available Autoignition temperature degree: Not available Extinguishing media: Use alcohol or resistant foam, carbon dioxide or dry chemical fighting fire. Hazardous combustion products: toxic fumes of carbon dioxide, carbon monoxide, nitrogen oxides dense smoke	
6. Accidental release measures	
Refer to section 8 for personal protection equipment recommendations. After spillage: Sweep up spilled substance carefully. Absorbent material: suitable absorbent material like . Damage limitation: Special measures to limit damage are to be taken.	

7. Handling and storage

Storage of some material could be regulated by federal, state, and/or local laws.

7.1 Handling: toxic material. Avoid contacting and breathing the material.

Use only in a ventilated area. Keep away from sources of ignition; wear protective clothes

7.2 Storage: Store in a cool place at ambient pressure, and in suitable storage area.

Hydrophilic material; Keep tightly closed when not in use

PUROMYCIN Safety Data Sheet

<~

Revised: 09.02.04

Replaces: 10.01.04

Date of printing: 09.02-04

Page 2 of 2

8. Exposure controls- personal protection

Engineering controls : local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Respiratory protection: wear protective respiratory mask

Eye protection: use protective glasses

Hand protection: wear protective compatible resistant gloves

Hygiene: Wash hands before breaks and at the end of the work.

9. Physical and chemical properties

Physical state : solution

Colour: colorless

Odour: none

PH: N.A.

Boiling point: no data

Melting point: 172°C (puromycin powder)

Solubility in water: soluble

Density :

Viscosity: not determined

10. Stability and reactivity

Stability : stable under normal conditions

Conditions to avoid : heat, strong oxidising agents

Reactions: Not known when used appropriately.

Hazardous decomposition products : Carbon monoxide, Carbon dioxide. Nitrogen oxides

Hazardous polymerisation: will not occur

11. Toxicological information

LD50 oral/ingestion not known

LD50 dermal not known

LD50 inhalation/respiratory not known

Toxicologic information: Intoxication has so far not become known.

See actual entry in RTECS for complete toxicological informations.

12. Ecological information

Ecotoxicity: not available

Environmental fate: Bioconcentration is not expected to occur

13. Disposal considerations

Regulatory information: not applicable

Waste disposal route: Can be sent to an incineration plant in accordance with all state, federal, local regulations.

Clean up and dispose of waste in accordance with all state, federal, local regulations.

14. Transport information	
UN number	Not available
ADR/RID/IATA:	Not controlled under ADR/IATA
Proper Shipping Name:	Puromycin
Notes:	product non subject to current regulations for transportation of hazardous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).
Hazard class	No hazardous component
15. Regulatory Information	
Notes:	
R phrases	This product is not classified as hazardous compound according to EU regulations
S24/26	Avoid contact with skin and eyes
S36/37/38	Wear protective clothing, respiratory mask, gloves and eyes protection
16. Other information	
The information herein is believed to be correct as of the date hereof, but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.	