



MATERIAL SAFETY DATA SHEETS

41

Antimycin A

1. CHEMICAL IDENTITY

Chemical Name : Antimycin A

Chemical Classification: Toxic

Trade Name :

Synonyms: Antipiricullin, Fintrol, Virosin

Formula : C₂₈H₄₀N₂O₉

CAS No: 1397-94-0

UN No: 3462

Regulated Identification

Shipping Name :

Hazchem Code : 2X

Codes / Label : Class 6.1, Toxic

Hazardous Waste ID No :

HAZARDOUS INGREDIENTS	C.A.S. No.	HAZARDOUS INGREDIENTS	C.A.S. No.
1 Antimycin A	1397-94-0	3	
2		4	

2. PHYSICAL / CHEMICAL DATA

Boiling Pt. °C:

Physical State: Solid

Appearance: Crystals.

Melting Pt °C: 149.0

Vapour Pressure @ 35°C mmHg:

Odour:

Vapour Density(Air =1): 162-164

Solubility in water at 30°C g/100ml: Immiscible

Others:

Specific Gravity (Water =1):

pH :

3. FIRE / EXPLOSION HAZARD DATA

Flammability : No

LEL:

Flash Point °C in OC:

TDG Flammability:

UEL:

Flash Point °C in CC:

Autoignition Temperature °C :

Explosion sensitivity to impact:

Explosion sensitivity to static Electricity:

Hazardous Combustion Products : When heated to decomposition, it emits toxic fumes of oxides of nitrogen.

Hazardous Polymerization :

Combustible Liquid:

Explosive Material:

Corrosive Material

Flammable Material: No

Oxidiser :

Others:

Pyrophoric Material:

Organic Peroxide :

4. REACTIVITY DATA

Chemical Stability : Stable

Incompatibility with other material :

Reactivity : Fire incompatibility : Avoid contamination with strong oxidising agents, particularly peroxides, perchlorates, etc. as violent decomposition / detonation may result.

Hazardous :
Reaction Products

5. HEALTH HAZARD DATA

Routes of entry: Inhalation, Ingestion, Skin and Eyes

Effects of Exposure / Symptoms:

Antimycin A can affect you when breathed in. High exposure to Antimycin A may affect the nervous system.

Emergency Treatment :

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician.

LD50 (oral-rat) mg/kg: 1.8-28 mg/kg

STEL:

LC50 (rat) mg/kg:

Odour Threshold:

**Permissible
Exposure Limit:**

TLV (ACGIH) :

NFPA Hazard	Health	Flammability	Reactivity	Special
Signals	3	1	0	

6. PREVENTIVE MEASURES

Personal Protective Equipment : Wear chemical splash goggles, wear chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Handling : All chemicals should be considered hazardous. Avoid direct physical contact. Use appropriate, approved safety equipment. Untrained individuals should not handle this chemical or its container. Handling should occur in a chemical fume hood.

Storage : Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Protect containers/cylinders from physical damage.

Precautions :

7. EMERGENCY / FIRST AID MEASURES

FIRE:

Fire Extinguishing Media : Small fires: Dry chemical, carbon dioxide, water spray, or foam.
Large fires: water spray, fog, or foam.

Special Procedure : Move container from fire area if you can do so without risk. Fight fire from maximum distance.

Unusual Hazards :

EXPOSURE: First Aid Measures:

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician.

Antidotes / Dosages:

SPILLS :

Steps To Be Taken : Do not touch spilled material; stop leak if you can do so without risk. Use water spray to reduce vapors. Small spills: absorb with sand or other noncombustible absorbent material and place into containers for later disposal.

Waste Disposal Method:

8. ADDITIONAL INFORMATION / REFERENCES

9. MANUFACTURERS / SUPPLIERS DATA

NAME OF FIRM :	Contact person
MAILING ADDRESS :	in Emergency :
TELEPHONE / TELEX NOS :	Local Bodies involved :
TELEGRAPHIC ADDRESS :	Standard Packing :
OTHERS :	Trem Card Details / Ref :

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