



MATERIAL SAFETY DATA SHEET

PRODUCT: 17-(Allylamino)-17-demethoxygeldanamycin

PRODUCT USEAGE: This product is supplied with the intention that it is for laboratory research use only. It must not, under any circumstances, be used for human, drug, food, cosmetic, agricultural, domestic or any other use. This product must only be handled and used by suitably qualified personnel in an appropriately equipped laboratory

CHEMICAL IDENTIFICATION:
Name: 17-(Allylamino)-17-demethoxygeldanamycin
Cas#: 75747-14-7
MF: C₃₁H₄₃N₃O₈

Molecular Weight: 585.7
Hazardous Ingredient: 17-(Allylamino)-17-demethoxygeldanamycin
Catalog Number: A-1256

HAZARDS IDENTIFICATION:
Acute effects: May be harmful by ingestion, inhalation or absorption through skin. Material may cause irritation to the eyes, skin, mucous membranes, and the upper respiratory tract. Exposure to material may cause the following: anesthetic action, difficulty breathing, headache, and dizziness. Ingestion of material may cause gastrointestinal irritation, vomiting, and diarrhea.
Chronic effects: Until further testing has been done, it should be treated as a possible teratogen and tumorigen in humans.

FIRST AID MEASURES:
In cases of skin contact, wash immediately with copious amounts of water for at least 15 minutes.
Remove contaminated clothing and shoes and wash before wearing. Consult a physician.
In cases of eye contact, flush immediately with copious amounts of water for at least 15 minutes.
Assure adequate flushing by separating the eyelids with fingers. Consult a physician.
In cases of inhalation, remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen and consult a physician. If breathing stops, give artificial respiration and consult a physician.
In cases of ingestion, wash mouth out with water and consult the local poison center and a physician.

FIRE FIGHTING MEASURES:
Extinguishing media: Dry chemical powder, carbon dioxide, water spray or polymer foam.
Fire fighting procedures: Wear self-contained breathing apparatus and



full protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosive Hazards: Upon thermal decomposition, it may **EMIT TOXIC GASES.**

ACCIDENTAL RELEASE MEASURES:

Steps to be Taken if Material is Released or Spilled: Evacuate area. Wear a respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Sweep up and place in a suitable container..345805, Rev. 01-23-01
Avoid raising dust. Hold for appropriate disposal. Wash spill site and ventilate area after material pickup is complete.

HANDLING AND STORAGE:

Store in a tightly closed container in a -2°C freezer. Protect from light. Material is harmful and an irritant. Possible teratogen and tumorigen. Avoid contact with material. Avoid prolonged or repeated exposure. Lab should be equipped with a safety shower and an eye wash station. Wash thoroughly after handling material.

EXPOSURE CONTROLS/PERSONAL PROTECTION:

Protective equipment: Wear suitable protective clothing, such as chemical resistant gloves and chemical safety goggles.

Respiratory Protection and Ventilation: Use a NIOSH/MSHA approved respirator. Handle in a chemical fume hood with adequate ventilation.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Purple Powder

Flash point: N/A

Solubility: Soluble in DMSO or Methanol. Clear Purple solution at 10 mg / ml.

STABILITY AND REACTIVITY:

Stability: Stable under normal handling procedures.

Incompatibles: Avoid contact with strong oxidizing agents.

Hazardous combustion or decomposition products: Upon thermal decomposition, may emit toxic gases including carbon monoxide, carbon dioxide, and nitrogen oxides.

TOXICOLOGICAL INFORMATION:

Acute effects: May be harmful by ingestion, inhalation or absorption through skin. Material may cause irritation to the eyes, skin, mucous membranes, and the upper respiratory tract. Exposure to material may cause the following: anesthetic action, difficulty breathing, headache, and dizziness. Ingestion of material may cause gastrointestinal irritation, vomiting, and diarrhea.

Chronic effects: Until further testing has been done, it should be treated as a possible teratogen and tumorigen in humans.

ECOLOGICAL INFORMATION:

No information available.



DISPOSAL CONSIDERATIONS:

Country, federal, state, and local regulations are varied and change frequently. For this reason, we recommend that you contact your local Department of Health Services for information on the disposal of this product or arrange for disposal by a licensed disposal company.

TRANSPORT INFORMATION:

UN Number: N/A
Proper shipping name: N/A
IATA class: N/A.345805, Rev. 01-23-01
IATA packing group: N/A

REGULATORY INFORMATION:

Risk Phrases:

R20/21/22:

R36/37/38:

R45:

R63:

Harmful by inhalation, in contact with skin and if swallowed.

Irritating to eyes, respiratory system and skin.

May cause cancer.

Possible risk of harm to the unborn child.

Safety Phrases:

S3/7/9:

S26:

S36/37/39:

S45:

Keep container tightly closed in a cool, well-ventilated place.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately.

OTHER INFORMATION:

Avoid contact with material. Avoid prolonged or repeated exposure.

Wash thoroughly after handling.

Material should only be handled by qualified, experienced professionals.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for experienced personnel. **A.G. Scientific, Inc.** shall not be held liable for any damage resulting from the handling or from contact with the above product.