

Material Safety Data Sheet

Pharmaceutical Resources Branch, DTP, DCT, NCI  
Executive Plaza North, Room 818  
6130 Executive Boulevard  
Rockville, Maryland 20852  
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NSC 609974

SECTION I. MATERIAL IDENTIFICATION

Common Name: L-651,582  
Chemical Name:  
Molecular Formula:  $C_{17}H_{12}N_5O_2Cl_3$

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name	Percent	Exposure Limits
L-651,582	100%	NOT YET ESTABLISHED

Toxicity Data:

SECTION III. PHYSICAL DATA

Appearance & Odor: Fine, white powder  
MP: 238.5-239°C  
Molecular Weight: 424.67  
Solubility (%):

SECTION IV. FIRE AND EXPLOSION DATA

Flash point: UNKNOWN  
Flammability limits: LEL %: UNKNOWN  
Autoignition Temperature: UNKNOWN  
UEL %: UNKNOWN

Extinguishing Media: Use materials appropriate to the surrounding fire.

Unusual fire or Explosion hazards: No unusual fire or explosion hazard is known to exist.

Special fire-fighting procedures: Evacuate personnel to a safe area. Firefighters should use self-contained breathing apparatus and protective clothing.

**Hazardous Combustion Products:** Since products of combustion are unknown, as a precaution they should be assumed to be hazardous.

SECTION V. REACTIVITY DATA

**Compound Stability:** Material is stable under most conditions. Hazardous polymerization is not known to occur.

**Chemical Incompatibilities:** No unusual chemical incompatibilities are known to exist.

**Conditions To Avoid:** No conditions contributing to instability are known to exist.

**Hazardous Decomposition Products:** Since products of decomposition are unknown, as a precaution, they should be assumed to be hazardous.

**Summary of Risks:** UNKNOWN

**Primary Entry Routes:** Inhalation, ingestion, and skin and/or eye contact.

**Target Organs:** UNKNOWN

**Signs & Symptoms of Overexposure:** UNKNOWN

**Acute Effects:** UNKNOWN

**Chronic Effects:** UNKNOWN

**Medical Conditions Which May Be Aggravated By Contact:** UNKNOWN

**For Eye Contact:** Immediately flush eyes with copious amounts of water for at least 15 minutes. Consult an ophthalmologist.

**For Skin Contact:** Remove contaminated clothing. Wash skin with plenty of soap and water. Consult a physician.

**For Inhalation:** Remove victim promptly to clean air. If victim is not breathing, administer artificial respiration. Consult a physician.

**For Ingestion:** Consult a physician.

In the event of an accident involving the handling of this agent, consultation with a physician experienced with cancer chemotherapy is suggested.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

**Spill/Leak Cleanup Procedures:** Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Wear disposable coveralls and discard after use. Sweep up compound, place in a bag, and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after compound pick-up is complete. Dispose of contaminated clean-up materials properly.

**Waste Management/Disposal:** Observe all Federal, state, and local laws concerning the disposal of hazardous material or waste.

SECTION VIII. SPECIAL PROTECTION INFORMATION

**Personal Protective Equipment:**

**Goggles:** Wear chemical safety goggles when handling T-651,582.  
**Gloves:** Wear rubber or latex gloves when handling T-651,582.  
**Respirator:** Wear NIOSH-MSHA approved respirator.  
**Other:** Wear protective laboratory coat or apron.

**Workplace Considerations:**

**Ventilation:** Laboratory operations should be conducted in a chemical fume hood, glove box, or ventilated cabinet equipped with mechanical exhaust to the outside.

**Safety Stations:** Safety shower and eye bath should be accessible.

The personal protective equipment listed above should be worn at all times when handling T-651,582. Avoid contact and inhalation. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

SECTION IX. SPECIAL PRECAUTIONS

**Storage Segregation:** No special storage is necessary.

**Other precautions:** The user should be made aware that L-651,582 is an investigational substance. Hazards associated with exposure to L-651,582 may as yet be unknown. This material should be handled only by those trained in the handling of potentially hazardous material.

The information in this document was compiled primarily from secondary sources. The information is believed to be correct and accurate, but no warranty is expressed or implied.