

## CISPLATIN

**Synonyms:** cis-Platinum (II)diamine, Dihydrochloride

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
<b>FIRE</b>	Non-flammable.		
<b>EXPLOSION</b>	Not available.		
<b>EXPOSURE</b>	Sensitizer, probable human carcinogen, mutagen, possible teratogen, female reproductive developmental toxin, possible male reproductive developmental toxin.	AVOID ALL CONTACT! STRICT HYGIENE!	
<b>•INHALATION</b>	Irritant	Use only in a biological safety cabinet. Avoid generating dust, fume, or mist. (see Handling, Containment Devices and PPE section below).	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>•SKIN</b>	Irritant, sensitizer.	Protective latex gloves. (see Handling, Containment Devices and PPE section below).	In case of contact, immediately flush skin with plenty of <b>WARM</b> water for at least 15 minutes while removing contaminated clothing and shoes. Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
<b>•EYES</b>	Irritant.	Splash goggles, face shield (see Handling, Containment Devices and PPE section below).	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of <b>WARM</b> water for at least 15 minutes. Get medical attention immediately.
<b>•INGESTION</b>	Irritant	Do not eat, drink, or smoke during work. (see Handling, Containment Devices and PPE section below).	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Chemical Dangers:** Light sensitive. Slowly changes to trans-form in aqueous solution. Incompatible with oxidizing agents, aluminum and sodium bisulfite.

**Physical Dangers:** Not available.

**Storage:** Light sensitive.

**Handling, Containment Devices and PPE:** Use in exhaust hood with chemical resistant latex gloves (if heavy exposure is anticipated contact Safety and Health for other glove options) and chemical goggles. It is strongly recommended that a long sleeved, lint free, low permeability fabric with a closed front and elastic or knit closed cuffs must be worn with the cuffs tucked under the gloves. This gown should be worn during preparation of the drug. Please refer to HANDLING OF HAZARDOUS DRUGS (HD) Policy No: HM-08-005 i.e., ANTINEOPLASTIC AND CARCINOGENIC AGENTS. If a splash hazard to the face is present, a face shield is also required.

**Waste Disposal:** Each area in which hazardous drugs are handled shall contain a small spill clean up kit. These kits are available from Central Stores and are made up of the following items: 2 disposable chemo-safety gowns, 2 pair suitable, non-powdered gloves, 2-250 ml spill pillows, 1 small scoop, 1 small sealable and 1 large yellow polyethylene bag for disposal of contaminated absorbent, and spill procedure sheet. Hazardous Waste - Cisplatin.” Call Safety and Health at x5069 on the Health Science and x2600 on the Main Campus.

**Emergency Spill Procedures and Decontamination:** call x 77 on the Health Science Campus and x2600 on the Main Campus.