



PRODUCT SAFETY DATA SHEET

COMMERCIAL NAME: DALIC SILVER SOLUTION DPM 9060

IDENTITY	%W/W	CLASSIFICATION	CAS. NO.	OES (mg/ m ³)	
				LONG TERM	SHORT TERM
Complexed Silver Cyanide	4--> 6	T;R23/24/ 25-->32	--	5 (As CN)	--
Silver EDA Complex	25 -- 35	--	--	0.01 (As Ag)	--
1,2Diaminoethane	15 --> 20	C; R34 Xi; R43	107 - 15 - 3	25	--

HAZARD IDENTIFICATION

Toxic by inhalation, in contact with skin and if swallowed. Contact with acids or acidic solutions liberates very toxic hydrogen cyanide gas. This product is also corrosive and may cause sensitisation by skin contact.

TOXICITY DATA

In cases of ingestion and inhalation acute effects may develop rapidly and can include, weakness, nausea, vomiting, and in more severe cases, marked breathlessness, sudden unconsciousness and ultimately death. Similar symptoms may develop if the material is absorbed into the bloodstream through skin tissue. Ingestion or inhalation of small amounts of Silver over an extended period of time may result in a "graying" of the skin called argyria.

FIRST AID

INHALATION Break an amyl nitrate capsule into a handkerchief and hold tightly under nose for 15 seconds. Repeat until capsule exhausted. A second capsule may be used. If unconscious, give artificial respiration. (Care must be taken not to inhale victims exhaled breath.) Obtain medical attention **urgently**.

SKIN CONTACT Remove contaminated clothing and wash off all affected areas of skin with water for at least 10 minutes. In severe cases obtain medical attention. If breathing difficulties occur, treat as for inhalation.

EYE CONTACT Rinse immediately with plenty of water and seek medical advice.

INGESTION Treat as per inhalation.

OTHER

COMMERCIAL NAME: DALIC SILVER SOLUTION DPM 9060 (CONTD)

FIRE AND EXPLOSION MEASURES

SUITABLE EXTINGUISHING MEDIA	N/A
UNSUITABLE EXTINGUISHING MEDIA	N/A
POSSIBLE EXPOSURE HAZARDS	May evolve toxic fumes in fire.
PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	Self-contained breathing apparatus.

SPILLAGE OR LEAK PROCEEDURE

Soak up with absorbent material (i.e. sand). Store for salvage reclaim when sufficient waste has accumulated

HANDLING AND STORAGE

Keep away from food or food containers. Silver solution is light sensitive and should NOT be stored in clear containers or in direct sunlight. Do not freeze. Ensure that all containers are clearly and appropriately labelled.

EXPOSURE CONTROL/ PERSONAL PROTECTION

Wear safety glasses and dust mask or face shield, rubber gloves and suitable protective clothing. Use in well ventilated area with local exhaust ventilation. In case of insufficient ventilation wear suitable respiratory equipment. Do not eat drink or smoke in area where this product is being used. Wash hands thoroughly before undertaking any of these activities.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: **CLEAR DARK YELLOW OR COLOURLESS LIQUID**

Boiling Point: 100 °C	Freezing Point: 0 °C	Specific Gravity: 1.22
Flash Point: N/A	PH: 10.4	Solubility in Water: Infinite

STABILITY AND RE-ACTIVITY

STABILITY	Light sensitive.
MATERIALS TO AVOID	Acids and acidic solutions.
HAZARDOUS DECOMPOSITION PRODUCTS	May evolve toxic fumes in fire.

ECOLOGICAL INFORMATION

DISPOSAL CONSIDERATIONS

To local authority regulations or accumulate in clearly labelled containers for salvage/reclaim.

