

MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME	T2 ESC Developer Systems Cleaner Powder				
PRODUCT USE	Photographic solutions	HMIS SCALE	HEALTH 1	FLAMMABILITY 0	REACTIVITY 0 PPE C
SUPPLIER	White Mountain Imaging	CATALOG # 4902-ECP			
ADDRESS	PO Box 216 Salisbury NH 03268				
PHONE NO.	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300		

SECTION 2 - Product and Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	Permissible Exposure Limit	LD50	LC50
Potassium permanganate	7722-64-7	2-4	OSHA C 5 mg(Mn)m3	1090 mg/kg	not available
Sodium bisulfate	7681-38-1	2-4	not listed	2.8 g/kg rat	not available

SECTION 3 - Hazards Identification

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes. May cause mild skin irritation and or allergic reaction. Prolonged inhalation of dust may be irritating and cause headaches.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known

SECTION 4 - First Aid Measures

SKIN CONTACT

Rinse with diluted ESC Neutralizer and wash exposed skin with warm water. If irritation persists seek medical advice.

EYE CONTACT

Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist.

INGESTION

DO NOT induce vomiting. Seek medical attention immediately.

INHALATION

If inhaled, remove to fresh air.

SECTION 5 - Fire Fighting Measures

FLAMMABILITY YES NO IF YES, UNDER WHAT CONDITIONS

MEANS OF EXTINCTION

As needed to extinguish adjacent fire source.

FLASHPOINT (°C) AND METHOD	UPPER FLAMMABLE LIMIT (% BY VOLUME)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	AUTOIGNITION TEMPERATURE (°C)
Not appropriate	Not appropriate	Not appropriate	Not appropriate
HAZARDOUS COMBUSTION PRODUCTS	EXPLOSION DATA	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE
See "Hazardous Decomposition Products".		Not susceptible	Not susceptible

SECTION 6 - Accidental Release

Flush to sewer with plenty of water, if permitted. If not, soak up with dry absorbent material. Clean surface thoroughly to remove residual contamination. Consult with governmental regulatory agencies for appropriate disposal of this material. Wear appropriate protective equipment.

SECTION 7 - Handling and Storage

Read and follow the label, material safety data sheet, and instructions before using. Avoid any contact with skin and eyes. Keep container tightly closed. Avoid incompatible substances. Wash thoroughly after handling this product.

SECTION 8 - Exposure Controls

VENTILATION	Good general ventilation.	RESPIRATORY	
SKIN	Latex or nitrile	EYE	Splash goggles
OTHER	Eye wash station		

SECTION 9 - Physical and Chemical Properties

PHYSICAL STATE	ODOR AND APPEARANCE			ODOR THRESHOLD
Solid	Odorless, granular powder			Not available
VAPOUR PRESSURE (mmHg)	VAPOUR DENSITY (Air = 1)	EVAPORATION RATE (Water = 1)	BOILING POINT	FREEZING POINT
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
pH	SPECIFIC GRAVITY	SOLUBILITY IN WATER (20°C)	COEFF WATER OIL	PERCENT VOLATILE (BY VOLUME)
2.50 working strength	Not applicable	Complete	Not available	Not applicable

SECTION 10 - Stability and Reactivity Data

CHEMICAL STABILITY	IF NO, UNDER WHAT CONDITIONS		
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Strong reducing agents, strong bases.		
INCOMPATIBILITY WITH OTHER SUBSTANCES	IF YES, WHICH ONES?		
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
REACTIVITY, AND UNDER WHAT CONDITIONS	Stable under ambient pressure and temperature.		
HAZARDOUS DECOMPOSITION PRODUCTS	None known		

SECTION 11 - Toxicological Information

EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
None known	None known	None known	Not listed by IARC, OSHA or ACGIH.
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
Not known	Not known	Not known	Not known

SECTION 12 - Ecological Information

No data available

SECTION 13 - Disposal Considerations

Dispose of this product in accordance with federal, state and/or local laws.

SECTION 14 - Transportation Information

Not regulated for transportation

SECTION 15 - Regulatory Information

Not a controlled product under Canadian WHMIS regulations.

SECTION 16 - Other Information

The information contained in this MSDS is furnished without warranty of any kind. The user should consider this data a supplement to other data gathered and must make an independent determination of suitability from this and other sources to assure proper use and disposal of this material and the health and safety of employees and customers.