

# ETS

HEALTH	<b>0</b>
FIRE	<b>2</b>
REACTIVITY	<b>1</b>
PERS. PROT.	<b>None</b>

Common Name: (used on label) (Trade Name & Synonyms)	<b>Quantab Chloride Titrators, low range</b>	Product Code	<b>711175</b>
Chemical Name	Chemical Family		
Formula	CAS No.	<b>NA</b>	

Hazardous Components (chemical & common names)	Hazard	TLV (units)
<b>Potassium Dichromate</b>	<b>carcinogen, irritant</b>	<b>0.05 mg Cr/m<sup>3</sup></b>
<b>Silver Nitrate</b>	<b>corrosive, toxic by ingestion</b>	<b>0.01 mg Ag/m<sup>3</sup></b>
<b>Zinc Acetate</b>	<b>irritant</b>	<b>not listed</b>

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O=1)	N/A	Vapor Pressure (mm Hg)	Unknown
Percent Volatile by Volume (%)	N/A	Vapor Density (Air = 1)	Unknown	Evaporation Rate ( = 1)	Unknown
Solubility in Water	Not appreciably water soluble.			Reactivity in Water/Air: None	
Appearance and Odor	Orange-red paper strip laminated within polystyrene/polyethylene sheath. Odorless.				
Flash Point	N/A	Flammable Limits Lower In Air% by Volume	Upper N/A	Auto-Ignition Temperature	N/A
Extinguisher Media	Flood with large amounts of water. Do not allow water to enter sewer.				
Special Fire Fighting Procedures					
Unusual Fire and Explosion Hazards	Hazardous or toxic fumes from plastic sheath above 260° C Chromium trioxide fumes above 500° C				

Stability	Unstable <input checked="" type="checkbox"/>	<input type="checkbox"/> Conditions to Avoid <b>Exposure to flame may cause ignition.</b>
Incompatibility (Materials to Avoid)		<b>None</b>
Hazardous Decomposition Products		<b>Emits toxic chromium trioxide fumes at high temperatures</b>

COMMON NAME: **Quantab Chloride Titrators, low range**

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#### SECTION 5 - HEALTH HAZARDS

OSHA Permissible Exposure Limit	<b>0.01 mg Ag/m<sup>3</sup></b>	ACGIH Threshold Limit Value	<b>0.05 mg Cr/m<sup>3</sup></b>	Other Exposure Limit Used	<b>None</b>
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Signs and Symptoms of Exposure **Absorption of potassium dichromate through skin may cause systemic poisoning and dermatitis. Exposure unlikely since chemical is laminated in plastic sheath.**

Medical Conditions Generally Aggravated by Exposure **Pre-existing skin disorders, impaired pulmonary function.**

Primary Route(s) of Exposure **Skin, ingestion**

Emergency and First Aid Procedures **Wash thoroughly. If ingested, consult physician.**

Hygienic Practices

Chemical Listed as Carcinogen or Potential Carcinogen: **Yes**

#### SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection **N/A**

Ventilation	<b>N/A</b>	Work Practices	<b>N/A</b>
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Protective Gloves	<b>N/A</b>	Eye Protection	<b>N/A</b>
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Other Protective Clothing or Equipment **N/A**

#### SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage **None**

Steps to be Taken in Case Material is Released or Spilled **None**

Waste Disposal Methods **Ensure compliance with local, state, and federal regulations.**

#### SECTION 8 - ADDITIONAL INFORMATION

**Product contains Chromium VI at a concentration of less than 0.1% by weight in an individual titrator and is therefore considered non-hazardous.**

Signature of Person  
Responsible for Preparation

Date  
Prepared **November 1, 1994**

