

ENVIRONMENTAL TEST SYSTEMS INC -- 711175 QUANTAB CHLORIDE TITRATOR --
6850-00-180-6165

===== Product Identification =====

Product ID:711175 QUANTAB CHLORIDE TITRATOR
MSDS Date:09/20/1993
FSC:6850
NIIN:00-180-6165
MSDS Number: BNMMP
=== Responsible Party ===
Company Name:ENVIRONMENTAL TEST SYSTEMS INC
Address:23575 COUNTY RD 106
Box:4659
City:ELKHART
State:IN
ZIP:46514-0659
Country:US
Info Phone Num:219-262-2060
Emergency Phone Num:219-262-2060
CAGE:1BY35

=== Contractor Identification ===
Company Name:ENVIRONMENTAL TEST SYSTEMS INC
Address:23575 COUNTY RD 106
Box:4659
City:ELKHART
State:IN
ZIP:46514-0659
Country:US
Phone:219-262-2060
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===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM BICHROMATE (SARA III)
CAS:7778-50-9
RTECS #:HX7680000
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:C,0.1 MG/M3 CRO3
ACGIH TLV:0.5 MG CR/M3; 9293
EPA Rpt

Qty:10 LBS
DOT Rpt Qty:10 LBS

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 190MG/KG K*2CR*2O*7
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:PRODUCT CONTAINS A LOW LEVEL OF
CARCINOGENIC HEXAVALENT CHROMIUM (LESS THAN 0.01% BY WEIGHT IN AN
INDIVIDUAL TITRATOR) AND, THEREFORE, IS CONSIDERED TO BE
NON-HAZARDOUS. ABSORPTION THROU
OUGH SKIN CAN CAUSE SYSTEMIC
POISONING & ECZEMATIC DERMATITIS. EXPOSURE UNLIKELY SINCE CHEMICAL
IS SEALED IN A LAMINATED SHEATH.
Explanation of Carcinogenicity:CHROMIUM (VI) IS LISTED AS A HUMAN
CARCINOGEN.
Effects of Overexposure:IRRITATION, NAUSEA AND VOMITING.
Medical Cond Aggravated by Exposure:MAY AGGRAVATE PRE-EXISTING SKIN
DISORDERS.

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===== First Aid Measures =====

First Aid:SKIN:WASH AFFECTED PARTS THOROUGHLY. INGEST:CONSULT
PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:FLOOD WITH LARGE AMOUNTS OF WATER.DO NOT ALLOW
WATER TO ENTER SEWER.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:MANUFACTURER STATES NONE KNOWN.

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===== Accidental Release Measures =====

Spill Release Procedures:PICK UP;REUSE OR DISPOSE OF.
Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:KEEP MATERIAL DRY.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.
Ventilation:USE GENERAL DILUTION VENTILATION.
Protective Gloves:NOT NEEDED IN NORMAL SERVICE.
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE
Work Hygienic Practices:DO NOT DISASSEMBLE DEVICE
OR EXPOSE CHEMICAL
STRIP.
Supplemental Safety and Health
NONE

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Physical/Chemical Properties
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HCC:N1
Melt/Freeze Pt:M.P/F.P Text:932F,500C
Solubility in Water:NEGLIGIBLE
Appearance and Odor:ORANGE-RED PAPER STRIP LAMINATED WITHIN A PLASTIC
SHEATH, ODORLESS

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
REDUCING AGENTS AND COMBUSTIBLES.
Stability Condition to Avoid:HIGH HEAT,SOURCES O
F IGNITION.
Hazardous Decomposition Products:TOXIC CHROMIUM TRIOXIDE FUMES.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF AS RCRA WASTE IN ACCORDANCE WITH
FEDERAL,STATE AND LOCAL REGULATIONS.

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