

## **DTC-173**

### **MSDS Number**

BGQNW

### **National Stock Number**

6750-01-206-1011

### **Product Name**

DTC-173

### **Manufacturer**

ALTA CHEMICAL CORP

### **Product Identification**

Product ID:DTC-173  
MSDS Date:04/01/1986  
FSC:6750  
NIIN:01-206-1011  
MSDS Number: BGQNW

### **Responsible Party**

ALTA CHEMICAL CORP  
11526F SORRENTO VALLEY ROAD  
SAN DIEGO , CA 92121  
US  
Emergency Phone: 619-453-5010  
Cage: 8L886

### **Contractor**

ANACOMP INC ANACOMP MULTIPRODUX DIV  
82449  
SAN DIEGO, CA 92138-9948  
US  
619-291-9960  
Cage: 05037

### **Ingredients**

SODIUM BICHROMATE (SARA III)  
CAS: 10588-01-9  
RTECS: HX7700000  
Fraction By Weight:  
OSHA PEL0.1 PPM CRO3;CEILING  
ACGIH TLV: 0.05 MG CR/M3; 9192  
EPA Report Quantity: 10 LBS  
DOT Report Quantity: 10 LBS

SULFURIC ACID (SARA III)  
CAS: 7664-93-9  
RTECS: WS5600000  
OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: >90%

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:IRRITANT AT LOW EXPOSURES, CORROSIVE  
TO ALL TISSUES IF DOSAGE MASSIVE OR PROLONGED.  
Explanation of Carcinogenicity:SODIUM (VI) DICHROMATE IS LISTED AS  
CONFIRMED HUMAN CARCINOGEN.  
Effects of Overexposure:EYE: IRRITATION, REDNESS, CORNEAL DAMAGE. SKIN:  
IRRITATION, DERMATITIS, NECROSIS. INHALATION: URT IRRITATION,  
POSSIBLE ULCERATION. INGESTION: GI TRACT IRRITATION, PERFORATION,  
ULCERATION, NECROSIS.  
Medical Cond Aggravated by Exposure:NONE GIVEN.

## First Aid

First Aid:CALL PHYSICIAN IMMEDIATELY AND TRY TO DETERMINE DOSAGE  
RECEIVED. EYE: FLUSH 15 MIN W/AMPLE COOL WATER. SKIN: WASH WITH  
SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL  
RESPIRATION OR O<sub>2</sub> AS REQUIRED. INGESTION: DO NOT INDUCE  
VOMITING. IF CONSCIOUS, GIVE LARGE AMOUNT WATER, MILK, OR MILK  
W/EGG WHITE (DEMULCENT).

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:AS REQUIRED FOR SURROUNDING FIRE.  
Fire Fighting Procedures:USE SCBA PP MODE AND FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY LEAVE  
HAZARDOUS DECOMPOSITION PRODUCTS AFTER WATER HAS EVAPORATED.

## Accidental Release

Spill Release Procedures:CONFINE SPILL, STOP LEAK, WEAR PROTECTIVE GEAR  
AS PRESCRIBED. NEUTRALIZE, COLLECT NEUTRAL WASTE W/SHOVEL OR  
ABSORBENT, PLACE IN CLOSABLE CONTAINER. COLLECT RESIDUE WITH RAGS,  
ABSORBENT PAPER. WASH ARE A TO SEWER.  
Neutralizing Agent:SODIUM CARBONATE OR BICARBONATE, LIME

## Handling

Handling and Storage Precautions:REMOVE LEAKERS FROM STORAGE AREA. KEEP  
CONTAINERS CLOSED.  
Other Precautions:AVOID EYE, SKIN CONTACT. DO NOT INHALE OR INGEST.

## Exposure Controls

Respiratory Protection:NONE  
Ventilation:GENERAL MECHANICAL  
Protective Gloves:ACID RESISTANT RUBBER  
Eye Protection:ACID RESISTANT CHEMICAL GOGGLES  
Other Protective Equipment:RUBBER APRON, SLEEVES  
Work Hygienic Practices:WASH THOROUGHLY AFTER USE. LAUNDRY CLOTHING  
BEFORE REUSE.  
Supplemental Safety and Health  
MANUFACTURER ADVISED DOD 14MAR88 THAT THIS PRODUCT IS BEING  
REFORMULATED TO ELIMINATE CHROMATES.

## Chemical Properties

HCC:C2  
Boiling Pt:B.P. Text:>212F/>100C  
Vapor Pres:18  
Vapor Density:0.6  
Spec Gravity:1.18  
pH:Evaporation Rate & Reference:1 (WATER = 1)  
Solubility in Water:COMPLETE  
Appearance and Odor:ODORLESS,CLEAR DEEP RED LIQUID  
Percent Volatiles by Volume:90

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG REDUCING AGENTS, STRONG BASES  
Stability Condition to Avoid:EXCESSIVE HEAT OR FIRE.  
Hazardous Decomposition Products:SULFUR OXIDES, SULFURIC ACID MISTS.  
CHROMIUM SULFATES CAN FORM IN PRESENCE OF SILVER.

## Disposal

Waste Disposal Methods:LANDFILL IAW ALL LAWS & REGS.

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