

J.T.BAKER CHEMICAL CO. -- POTASSIUM CHROMATE -- 6810-00-241-8422  
===== Product Identification =====

Product ID:POTASSIUM CHROMATE  
MSDS Date:03/09/1992  
FSC:6810  
NIIN:00-241-8422  
MSDS Number: BTSDY  
=== Responsible Party ===  
Company Name:J.T.BAKER CHEMICAL CO.  
Address:222 RED SCHOOL LANE  
City:PHILLIPSBURG  
State:NJ  
ZIP:08865-2219  
Country:US  
Info Phone Num:201-859-2151  
Emergency Phone Num:201-859-2151  
CAGE:DO870  
=== Contractor Identification ===  
Company Name:J.T.BAKER CHEMICAL CO.  
Address:222 RED SCHOOL LANE  
City:PHILLIPSBURG  
State:NJ  
ZIP:08865-2219  
Country:US  
Phone:201-859-2151  
CAGE:DO870  
Company Name:MALLINCKRODT BAKER, INC.  
Address:222 RED SCHOOL LANE  
Box:City:PHILLIPSBURG  
State:NJ  
ZIP:08865  
Country:US  
Phone:800-582-2537  
CAGE:70829

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM CHROMATE (SARA III)  
CAS:7789-00-6  
RTECS #:GB2940000  
Fraction by Wt

: 100% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 0.1 MG (CRO3)/M3  
ACGIH TLV:0.5 MG(CR)/M3; 9394  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:TLV = 0.05 MG/M3  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:EXCESSIVE INHALATION IS IRRITATING AND  
MAY CAUSE RESPIRATORY SYSTEM DAMAGE. SKIN ABSORPTION IS HARMFUL A  
ND  
MAY BE FATAL. INGESTION IS HARMFUL AND MAY BE FATAL. MAY CAUSE  
GASTROINTESTINAL PAIN. CHRONIC EXPOSURE MAY LEAD TO KIDNEY DAMAGE  
AND/OR LIVER DAMAGE.  
Explanation of Carcinogenicity:THIS SUBSTANCE IS LISTED AS A NTP HUMAN  
CARCINOGEN AND AN IARC HUMAN CARCINOGEN (GROUP I).  
Effects of Overexposure:RESPIRATORY TRACT IRRITATION, GASTROINTESTINAL  
PAIN. LIVER DAMAGE, KIDNEY DAMAGE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND/OR  
RESPIRATORY DISORDERS MAY BE AGGR  
AVATED BY EXPOSURE TO THIS  
PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS  
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL  
ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET  
MEDICAL ATTENTION. INGESTION: INDUCE VOMITING. GET MEDICAL  
ATTENTION.

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===== Fire Fight  
ing Measures =====

Flash Point:NONFLAMMABLE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:WATER SPRAY  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:MODERATE OXIDIZER. CONTACT WITH OTHER  
MATERIAL MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC) AWAY FROM SPILLED MATERIAL. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID SKIN CONTACT. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED. STORE IN SECURE POISON AREA.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:A RESPIRATOR WITH DUST/MIST FILTER IS RECOMMENDED. IF AIRBORNE CONCENTRATIONS EXCEEDS TLV, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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===== Physical/Chemical Properties =====

HCC:V1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:1787F,975C

Vapor Pres:NOT GIVEN

Vapor Density:6.7

Spec Gravity:2.73

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:APPRECIABLE

Appearance and Odor:ODORLESS SOLID

Percent Volatiles by Volume:NIL

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, COM

BUSTIBLE MATERIALS, ORGANIC MATERIALS  
Stability Condition to Avoid:HEAT, OPEN FLAME  
Hazardous Decomposition Products:CHROMIUM OXIDE FUMES

===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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mation is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.