

MSDS Safety Information

FSC: 6810
NIIN: 00-241-8422
MSDS Date: 03/09/1992
MSDS Num: BTSYD
Product ID: POTASSIUM CHROMATE
MFN: 01
Responsible Party
Cage: DO870
Name: J.T.BAKER CHEMICAL CO.
Address: 222 RED SCHOOL LANE
City: PHILLIPSBURG NJ 08865-2219
Info Phone Number: 201-859-2151
Emergency Phone Number: 201-859-2151
Review Ind: Y
Published: Y

Contractor Summary

Cage: DO870
Name: J.T.BAKER CHEMICAL CO.
Address: 222 RED SCHOOL LANE
City: PHILLIPSBURG NJ 08865-2219
Phone: 201-859-2151
Cage: 70829
Name: MALLINCKRODT BAKER, INC.
Address: 222 RED SCHOOL LANE
City: PHILLIPSBURG NJ 08865
Phone: 800-582-2537

Item Description Information

Item Name: POTASSIUM CHROMATE,ACS
Specification Number: O-C-265
Type/Grade/Class: NONE
Unit of Issue: BT
Quantitative Expression: 00000000500GM
UI Container Qty: 1
Type of Container: BOTTLE

Ingredients

Cas: 7789-00-6
RTECS #: GB2940000
Name: POTASSIUM CHROMATE (SARA III)
% 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

Health Hazards Data

LD50 LC50 Mixture: TLV = 0.05 MG/M3
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: YES
IARC: YES
OSHA: NO
Effects of Exposure: EXCESSIVE INHALATION IS IRRITATING AND MAY CAUSE
RESPIRATORY SYSTEM DAMAGE. SKIN ABSORPTION IS HARMFUL AND 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).
Signs And Symptions 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 AGGRAVATED BY EXPOSURE TO THIS PRODUCT.
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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Handling and Disposal
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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.
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.
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. LAUNDRER 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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Fire and Explosion Hazard Information
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Flash Point Text: 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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Control Measures
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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
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HCC: V1
B.P. Text: NOT GIVEN
M.P/F.P Text: 1787F, 975C
Decomp Text: UNKNOWN
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
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HEAT, OPEN FLAME
Materials To Avoid: STRONG OXIDIZING AGENTS, COMBUSTIBLE MATERIALS, ORGANIC MATERIALS
Hazardous Decomposition Products: CHROMIUM OXIDE FUMES
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Code: DO870
Trans ID NO: 59762
Product ID: POTASSIUM CHROMATE
MSDS Prepared Date: 03/09/1992
Review Date: 07/26/1994
MFN: 1
Tech Entry NOS Shipping Nm: CONTAINS POTASSIUM CHROMATE
Net Unit Weight: 500 GRAM
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BT
Container QTY: 1
Type Of Container: BOTTLE

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Detail DOT Information
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DOT PSN Code: FSV
Symbols: G
DOT Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.
Hazard Class: 9
UN ID Num: UN3077
DOT Packaging Group: III
Label: CLASS 9
Special Provision: 8,B54
Packaging Exception: 155
Non Bulk Pack: 213
Bulk Pack: 240
Max Qty Pass: NONE
Max Qty Cargo: NONE
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: GMY
IMO Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. o

IMDG Page Number: 9029
UN Number: 3077
UN Hazard Class: 9
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: NONE
MED First Aid Guide NUM: NON

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Detail IATA Information
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IATA PSN Code: KTW
IATA UN ID Num: 3077
IATA Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. *
IATA UN Class: 9
IATA Label: MISCELLANEOUS
UN Packing Group: III
Packing Note Passenger: 911
Max Quant Pass: NO LIMIT
Max Quant Cargo: NO LIMIT
Packaging Note Cargo: 911
Exceptions: A97

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Detail AFI Information
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AFI PSN Code: KTW
AFI Symbols: *
AFI Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.
AFI Hazard Class: 9
AFI UN ID NUM: UN3077
AFI Packing Group: III
Special Provisions: P5, 8
Back Pack Reference: A13.3

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HAZCOM Label
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Product ID: POTASSIUM CHROMATE
Cage: D0870
Assigned IND: Y
Company Name: J.T.BAKER CHEMICAL CO.
Street: 222 RED SCHOOL LANE
City: PHILLIPSBURG NJ
Zipcode: 08865-2219
Health Emergency Phone: 201-859-2151
Label Required IND: Y
Date Of Label Review: 07/26/1994
Status Code: C
MFG Label NO: NONE
Label Date: 07/26/1994
Origination Code: G
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Moderate
Fire Hazard: Moderate
Reactivity Hazard: Moderate
Hazard And Precautions: EXCESSIVE INHALATION IS IRRITATING AND MAY CAUSE
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INGESTION IS HARMFUL AND MAY BE FATAL. MAY CAUSE GASTROINTESTINAL PAIN.
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