

5535, CHROMIUM TRIOXIDE

MSDS Number

BNBJL

National Stock Number

6810-00N028728

Product Name

5535, CHROMIUM TRIOXIDE

Manufacturer

J T BAKER INC

Product Identification

Product ID:5535, CHROMIUM TRIOXIDE

MSDS Date:08/15/1986

FSC:6810

NIIN:00N028728

MSDS Number: BNBJL

Responsible Party

J T BAKER INC

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 908-859-2151;800-424-9300(CHEMTREC)

Info Phone: 800-582-2537

Cage: DO803

Contractor

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

Ingredients

3); (CHROMIUM TRIOXIDE)

CAS: 1333-82-0

RTECS: GB6650000

Fraction By Weight: 90-100%

OSHA PEL1 (CR)MG/M3

ACGIH TLV: 0.05 (CR)MG/M3

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:CONTACT W/SKIN OR EYES MAY CAUSE SEVERE IRRITATION OR BURNS. DUST MAY ULCERATE MUCOUS MEMBRANES.

EXCESSIVE INHALATION OF DUST IS IRRITATING & MAY BE SEVERELY DAMAGING TO RESPIRATORY PASSAGES &/OR LUNG S. INGESTION MAY RESULT IN SEVERE INTESTINAL IRRITATION W/BURNS TO MOUTH.

Explanation of Carcinogenicity:CHROMIUM TRIOXIDE:GROUP 1(NTP), GROUP

1(IARC).
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

First Aid

First Aid:CALL MD. INGEST:IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING.
INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTF RESP. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. EYES:IMMEDIATELY FLUSH
W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN:IMMEDIATELY FLUSH
W/PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED CLOTHING & SHOES. WASH CLOTHING BEFORE RE-USE.

Fire Fighting

Extinguishing Media:USE WATER SPRAY.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.
MOVE EXPOSED CNTNRS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK.
USE H*2O TO KEEP FIRE-EXPOSED CNTNRS COOL.
Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONTACT W/OTHER MATL MAY
CAUSE FIRE.

Accidental Release

Spill Release Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT CLTHG.
KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC) AWAY FROM SPILLED MATL.
WITH CLEAN SHOVEL, CAREFULLY PLACE MATL INTO CLEAN, DRY CNTNR &
COVER; REMOVE FROM AREA . FLUSH SPILL AREA W/WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
SEPARATELY & AWAY FROM FLAMMABLE & COMBUSTIBLE MATLS. KEEP FROM
CONT W/CLTHG & OTHER COMBUST MATLS.
Other Precautions:DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID
BREATHING DUST. USE W/ADEQUATE VENTILATION. STRONG OXIDIZER.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPRVD RESP PROT REQD IF AIRBORNE
CONC EXCEEDS TLV. AT CONCS UP TO 1 PPM, A NIOSH/MSHA APPRVD
DUST/MIST RESP IS RECOMMENDED. ABOVE THIS LEVEL, A NIOSH/MSHA
APPRVD SCBA IS ADVISED.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS. VENT HOOD.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEM WORK GOGG/FULL LENGTH FCSHLD.
Other Protective Equipment:UNIFORM, APRON, LAB COAT. EMERGENCY EYE WASH
& DELUGE SHOWER .
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:D1
Melt/Freeze Pt:M.P/F.P Text:387F,197C
Spec Gravity:2.70 (H*2O=1)
Solubility in Water:COMPLETE
Appearance and Odor:DARK RED CRYSTALS W/NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
COMBUSTIBLE MATLS, STRONG REDUCING AGENTS, ORGANIC MATLS.
Stability Condition to Avoid:HEAT.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE &
LOCAL ENVIRONMENTAL REGULATIONS. EPA WASTE #D007 (EP TOXIC WASTE).

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