

MALLINCKRODT BAKER INC -- PARLODION, 6552 -- 6810-00-929-5357

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Product Identification
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Product ID:PARLODION, 6552
MSDS Date:12/08/1996
FSC:6810
NIIN:00-929-5357
Status Code:A
MSDS Number: CJRVB
=== Responsible Party ===
Company Name:MALLINCKRODT BAKER INC
Address:222 RED SCHOOL LANE
City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Info Phone Num:800-582-2537
Emergency Phone Num:908-859-2
151;800-424-9300
Resp. Party Other MSDS Num.:PARLO
Chemtrec Ind/Phone:(800)424-9300
CAGE:70829

==== Contractor Identification ====
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

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Composition/Information on Ingredients
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Ingred Name:NITROCELLULOSE
CAS:9004-70-0
RTECS #:QW0970000
= Wt:100.

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Hazards Identification
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Routes of E

ntry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALATION: FORMATION OF LARGE QUANTITIES OF EXTREMELY TOXIC GASES, NOTABLY OXIDES OF NITROGEN, HYDROGEN CYANIDE AND CARBON MONOXIDE MAY OCCUR UPON DECOMPOSITION. EFFECTS FROM EXPOSURES TO DECO MPOSITION PRODUCTS ARE SEVERE AND LIFE THREATENING. INGESTION: ALTHOUGH INGESTION IS HIGHLY UNLIKELY, SWALLOWING MAY RESULT IN SEVERE STOMACH PAIN.

SKIN CONT: CORROSIVE

TO SKIN. DISCOLORATION AND PAIN MAY RESULT. EYE CONT: ALTHOUGH EYE CONTACT IS HIGHLY UNLIKELY, IT MAY RESULT INSEVERE PAIN. CHRONIC: NO INFORMATION FOUND.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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

First Aid:INHAL: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY. INGEST: GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. SKIN CONT: IMMEDIATELY FL USH W/PLENTY OF WATER FOR AT LST 15 MINSWHILE REMOVING CONTAMD CLOTHING & SHOES. WASH CLOTHING BEFORE REUSE. CALL PHYSICIAN. EYE CONT: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS, LIFTING L OWER & UPPER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:=12.8C, 55.F

Autoignition Temp:=165.C, 329.F

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM,

Fire Fighting Procedures:IN EVENT OF FIRE, WEAR FULL PROT CLTHG & NIOSH-APPRVD SCBA W/FULL FACEPIECE OPERATED IN PRESS DEMAND/OTHER POS PRESS MODE. USE EXTREME CAUTION IN APPROACHING FIRES. IT MAY EXPLODE. DO NOT FIGHT ADVANC ED FIRES, EXCEPT FOR REMOTE ACTIVATION OF INSTALLED FIRE EXTING EQUIP AND/OR W/UNMANNED FIXED TURRETS & HOSE (SUPDAT)

Unusual Fire/Explosion Hazard:EXPLO MAY BE INITIATED BY SUDDEN SHOCK,

BY HIGH TEMP/BY COMBINATION OF TWO. PRESENTS AN UNUSUALLY SEV FIRE HAZ; WHEN DRY, IGNITES READILY & BURNS EXPLOSIVELY. SHOULD NEVER BE KEPT FOR ANY APPRECIABLE TIME IN ANY DRY FIBROUS STATE. UNSTABILIZED PROD DECOMPOSES GRADUALLY @ RELATIVELY LOW TEMP, W/EVOLUTION (OTHER INFO)

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

Spill Release Procedures:DANGEROUS MATL. PARTIALLY DECOMPOSED MATL MAY DETONATE OR AUTOIGNITE. HANDLE DECOMPOSED MATERIAL AS EXPLOSIVE THAT MAY DETONATE WITH MILD SHOCK USING EXPLOSIVE DISPOSAL PROCEDURES. SUBMERGE FRESH PARL ODION STRIPS IN WATER AND BURN IN SMALLQUANTITIES IN AN APPROVED INCINERATOR.

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

Handling and Storage Precautions:DRUMS SHOULD BE PROTECTED AGAINST DMG & NOT EXPOSED TO HEATING, NOR SHOULD MATL BE ALLOWED TO DRY OUT. STORAGE SHOULD BE SEGREGATED, WELL VENTILATED, & EQUIPPED W/BOTH DECOMP & EXPLOSION VENTS, HAVIN G MAXIMUM AMOUNT OF FREE OPENING. Other Precautions:PROTECT AGAINST EXCESSIVE HEAT & DIRECT SUNLIGHT, AVOID CONT W/ELECTRIC LIGHT BULBS, STEAM COILS, OR OTHER SOURCES OF HEAT; PROHIBIT OPEN FLAMES OR OTHER SOURCES OF IGNITION.

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

Respiratory Protection:(NIOSH APPROVED): FOR CONDITIONS OF USE WHERE EXPOSURE TO SUBSTANCE IS APPARENT,, CONSULT INDUS HYGIENIST. FOR EMERGENCIES, OR INSTANCES WHERE EXPOSURE LEVELS ARE NOT KNOWN, USE FULL-FACEPIECE POSITIV E-PRESSURE, AIR-SUPPLIED RESP. WARNING:NIOSH APPRVD AIR PURIFYING RESPS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES. Ventilation:SYS OF LOC AND/OR GEN EXHST IS REC TO KEEP EMPLOYEES EXPOS AS LOW AS POSS. LOC EXHST VENT IS GEN PEF BECAUSE IT CAN CTL EMISSIONS OF (OTHER INFO) Protective Gloves:IMPERVIOUS GLOVES . Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES . Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SH

OWER .

CLEAN BODY-COVERING CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FIRE FIGHT PROC: NOZZLES. SURROUNDING AREA SHOULD BE EVACUATED. FIRE SHOULD BE APPROACHED FROM UPWIND. USE NIOSH APPRVD SCBA. SINCE CELLULOSE NITRATE SUPPLIES ITS OWN OXYG, PROMPT COOLING W/LG QTY OF WATER IS ESSTNL; WATER APPLIED THROUGH SPRAY NOZZLES IS EFTIVE IF USED QUICKLY & IN SUFFICIENT VOLUME.

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Physical/Chemical Properties =
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Melt/Freeze Pt:=165.C, 329.F

M.P/F.P Text:IGNITES

Spec Gravity:1.66

Solubility in Water:INSOLUBLE

Appearance and Odor:THIN, TRANSPARENT, COLORLESS TO PALE YELLOW STRIPS.
SLIGHT ODOR OF ALCOHOL.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
HEAT, FLAME, POWERFUL OXIDIZERS.

Stability Condition to Avoid:STABLE AT ROOM TEMPERATURE IN SEALED
CONTAINERS.

Hazardous Decomposition Products:BURNING MAY PRODUCE FU
MES OF CYANIDE,

CARBON MONOXIDE, CARBON DIOXIDE, NITROGN OXIDES AND SULFUR OXIDES.

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Ecological Information =====

Ecological:ENVIRONMENTAL FATE: NO INFORMATION FOUND. ENVIRONMENTAL
TOXICITY: NO INFORMATION FOUND.

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Disposal Considerations =====

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY/ RECYCLING
SHOULD BE HNDLD AS HAZ WASTE & SENT TO RCRA APPRVD WASTE FACILITY.
PROCESSING, USE/ CONTA

M OF PROD MAY CHANGE WASTE MANAGEMENT

OPTIONS. STATE & LOC DIS P REGS MAY DIFFER FROM FED DISP REGS.
DISPOSE OF CNTNR & UNUSED CONTENTS I/A/W FED, STATE & LOC REQU
IREMENTS.

===== MSDS Transport Information =====

Transport Information:DOMESTIC (LAND, D.O.T.). PROPER SHIPPING NAME:
FLAMMABLE SOLID, ORGANIC, N.O.S. (NITROCELLULOSE). HAZARD CLASS:
4.1. UN/NA: UN1325. PACKING GROUP: II. INFORMATION REPORTED FOR
PRODUCT/SIZE: 500G. INTERNATIONAL
L (WATER, I.M.O.). PROPER SHIPPING
NAME: FLAMMABLE SOLID, ORGANIC, N.O.S. (NITROCELLULOSE). HAZARD
CLASS: 4.1. UN/NA: UN1325. PACKING GROUP: II. INFORMATION REPORTED
FOR PROUCT/SIZE: 500G.

===== Regulatory Information =====

Federal Regulatory Information:CHEM INVENTORY STATUS - PART 1: INGRED:
NITROCELLULOSE (9004-70-0) - TSCA-YES, EC-NO, JAPAN-YES,
AUSTRALIA-YES. CHEM INVENTORY STATUS - PART 2: INGRED
NITROCELLULOSE (9004-70-0)--CANADA
--KOREA-YES, DS L-YES, NDSL-NO,
PHIL-YES. FED, STATE & INTERNATIONAL REGS - PART 1: INGRED:
NITROCELLULOSE (9004-70-0) - SARA 302- RQ-NO, TPQ-NO, --SARA 313--
LIST-NO, CHEM CATG.-NO. FED, STATE & INTERNATIONAL REGS - PART 2:
INGRED: NITROCELLULOSE (9004-70-0) CERCLA-NO -RCRA- 261.33-NO,
-TSCA- 8(D)-NO. CHEM WEAPONS CONVENTION: NO. TSCA 12(B): NO CDTA:
NO SARA 311/312: ACUTE: YES CHRONIC: NO FIRE YES PRESSURE: NO
(STATE REGULATORY INFO)

State Regulatory Information:F
ED REGULATORY INFO: REACTIVITY: YES
(PURE/SOLID). AUSTRALIAN HAZCHEM CODE:2(Y). POISON SCHEDULE: NO
INFO FOUND. WHMIS: THIS MSDS HAS BEEN PREPARED ACCORDING TO THE
HAZARD CRITERIA OF THE CONTROLLED P RODS REGULATIONS (CPR) AND THE
MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR. OTHER
INFO: FLAMMABLE! CAUSES BURNS. LABEL PREC: KEEP AWAY FROM HEAT,
SPKS & FLAME. DO NOT GET IN EYES, ON SKIN , OR ON CLTHG. KEEP CNTNR
CLSD. USE W/ADEQ VENT. WASH THOROUGHLY AFTER

HNDLG. PROD US:
LABORATORY RE AGENT.

===== Other Information =====

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assume responsibility for the suitability of this information to their
particular situation.