

MALLINCKRODT BAKER INC -- 3828 OR 7917, SODIUM PHOSPHATE, DIBASIC, ANHYDROUS --  
6810-00-264-6594

===== Product Identification =====

Product ID:3828 OR 7917, SODIUM PHOSPHATE, DIBASIC, ANHYDROUS

MSDS Date:12/08/1996

FSC:6810

NIIN:00-264-6594

Status Code:A

MSDS Number: CKMMM

=== Responsible Party ===

Company Name:MALLINCKRODT BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:0886

5

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:S4760

Preparer's Name:STRATEGIC SERVICES DIV

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

Company Name:PHOENIX INDUSTRIES INC

Address:1519 CHAMBERLAYNE PARKWAY

Box:City:RICHMOND

State:VA

ZIP:23222

Country:US

Phone:8

04-264-5183/FAX: 264-5535  
Contract Num:SP0450-99-M-C840  
CAGE:0YED2

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM PHOSPHATE DIBASIC ANHYDROUS  
CAS:7758-11-4  
Minumum % Wt:98.  
Maxumum % Wt:100.

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Hazards Identification  
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LD50 LC50 Mixture:NO INFORMATION FOUND  
Routes of Entry: Inhalation:NO Skin:UNKNOWN Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO  
Health Hazards Acute and Chronic:INHALATION: NOT  
EXPECTED TO BE A  
HEALTH HAZARD.SKIN: CONTACT: NO ADVERSE EFFECTS EXPECTED. EYE  
CONTACT: NO ADVERSE EFFECTS EXPECTED BUT DUST MAY CAUSE MECHANICAL  
IRRITATION. INGESTION: PHOSPHATES ARE SLOWLY AND INCOMPLETELY  
ABSORBED WHEN INGESTED AND SELDOM RESULT IN SYSTEMIC EFFECTS. SUCH  
EFFECTS, HOWEVER, HAVE OCCURRED. BLOOD CHEMISTRY EFFECTS, CARDIAC  
EFFECTS, CNS EFFECTS AND OTHER SYSTEM EFFEC TS MAY OCCUR. CHHRONIC  
EXPOSURE: MAY SEQUESTER CALCIUM AND CAUSE CALCIUM PHOSPHATE

DEPOSITS IN THE KIDNEYS.

Explanation of Carcinogenicity:POTASSIUM PHOSPHATE DIBASIC ANHYDROUS,  
CAS# 7758-11-4: NTP KNOWN CARCINOGEN: NO; NTP ANTICIPATED  
CARCINOGEN: NO. IARC CATEGORY: NONE.

Effects of Overexposure:INHALATION: NONE STATED. SKIN: NONE STATED.  
EYES: POSSIBLE MECHANICAL IRRITATION. INGESTION: VOMITING,  
LETHARGY, DIARRHEA, BLOOD CHEMISTRY EFFECTS, CARDIAC EFFECTS, CNS  
EFFECTS, HEART EFFECTS, CHANGE IN RESPIRATION RATE, TINGLING IN  
THE EXTREMETIES, HEAVINESS  
IN THE LIMBS, NAUSEA.

Medical Cond Aggravated by Exposure:PERSONS WITH IMPAIRED KIDNEY  
FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR, GET MEDICAL HELP FOR ANY  
BREATHING DIFFICULTY. EYES: WASH THOROUGHLY WITH RUNNING WATER. GET  
MEDICAL ADVICE IF IRRITATION DEVELOPS. INGESTION: GIVE SEVERAL  
GLASSES OF WATER TO DILUTE. IF LARGE AMOUNTS WERE SWALLOWED

OR

SYMPTOMS OCCUR, GET MEDICAL ADVICE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. EYES: WASH THOROUGHLY WITH RUNNING WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS.

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Fire Fighting Measures  
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Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD. NOT CONSIDERED A FIRE HAZARD.

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Accidental Release Measures  
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Spill Release Procedures:VENTILATE AREA OF LEAK/SPILL.USE APPROPRIATE PERSONAL PROTECTION. AVOID CREATING DUST. SWEEP UP & CONTAINERIZE FOR RECLAMATION OR DISPOSAL.VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL .

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY

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Handling and Storage  
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Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUES (DUST AND SOLIDS). OBSERVE ALL WARNINGS AND PRECAUTIONS LISTED FOR THE PRODUCT.

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Exposure Controls/Personal Protection  
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Respiratory Protection:HALF-FACE DUST/MIST RESPIRATOR MAY BE WORN.FOR UP TO 10 TIMES THE EXPOSURE LIMIT OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY REGULATORY AGENCY OR SUPPLIER,WHICHEVER IS LOWEST.FULL-FACE PIECE DUST/MIST RESPIRATOR MAY BE WORN UP TO 50 TIMES EXPOSURE LIMIT OR MAXIMUM CONCENTRATION SPECIFIED BY REGULATORY AGENCY OR SUPPLIER,WHICHEVER IS LOWEST.\*\*SEE BELOW\*\*

Ventilation:LOCAL EXHAUST PREFERRED BECAUSE IT CONTAINS EMISSIONS AT SOURCE

E,PREVENTING DISPERSION OF IT INTO GENERAL WORK AREA.

Protective Gloves:PROTECTIVE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:WEAR CLEAN BODY-COVERING CLOTHES.MAINTAIN EYE WASH FOUNTAIN AND QUICK DRENCH FACILITIES IN WORK AREA.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING & AT END OF WORKDAY.

Supplemental Safety and Health

FOR EMERGENCIES OR WHERE EXPOSURE LEVELS ARE NOT KNOWN,USE A FULL-FACEPIECE POSITIVE-PRESSURE,AIR-SUPPLIED RESPIRATOR. W

ARNING:

AIR-PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATM OSPHERES.

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

HCC:N1

Melt/Freeze Pt:>465.C, 869.F

Vapor Pres:NO INFO

Vapor Density:NO INFO

Spec Gravity:NO INFO

pH:NO INFO

Evaporation Rate & Reference:NO INFO

Solubility in Water:150G/100G COLD WATER

Appearance and Odor:DELIQUESCENT WHITE CRYSTALS OR POWDER.ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

NO INCOMPATIBILITY DATA FOUND. AVOID MOISTURE.

Stability Condition to Avoid:NO INFORMATION FOUND.

Hazardous Decomposition Products:PHOSPHORUS OXIDES MAY FORM WHEN HEATED TO DECOMPOSITION.

===== Toxicological Information =====

Toxicological Information:NO LD50/LC50 INFORMATION FOUND RELATING TO NORMAL ROUTES OF OCCUPATIONAL EXPOSURE.

===== Ecological Information =====

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

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DELIVERED TO AN APPROVED WASTE DISPOSAL FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE & FEDERAL REGULATION.

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

Transport Information:NOT REGULATED.

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

SARA Title III Information:SEC 302 RQ, TPQ = NONE. SARA SEC 313 CHEMICAL CATAGORY= NONE. RCRA & CERCLA = NOT LISTED. SARA 311/312: ACUTE =YES, CHRONIC = NO. REACTIVITY= NO.

Federal Regulatory Information:POTASSIUM PHOSPHATE DIBASIC ANHYDROUS, CAS# 7758-11-4, TSCA-YES.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY

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

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