

J.T. BAKER COMPANY -- POTASSIUM PERSULFATE;3238 -- 6810-00-137-3300

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

Product ID:POTASSIUM PERSULFATE;3238

MSDS Date:03/09/1992

FSC:6810

NIIN:00-137-3300

MSDS Number: BDBGW

=== Responsible Party ===

Company Name:J.T. BAKER COMPANY

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:201-859-2151 800-JTBAKER

Emergency Phone Num:201-859-2151 800-424-9300(CHEMTREC)

Preparer's Name:QUALITY ASSU

RANCE DEPT.

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:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186 OR 800-444-0015

CAGE:3D869

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

Ingred Name:POTASSIUM PERSULFATE

CAS:7727-21-1

RTECS #:SE0400000

Fraction

by Wt: 99-100%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 802MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY  
CAUSE IRRITATION.INGEST:MODERATELY TOXIC.MAY CAUSE GI TRACT  
IRRITATION.INHAL:MODERATELY TOXIC.MAY CAUSE RESPIRATORY IRRITATION.  
Explanation of Carcino  
genicity:NONE  
Effects of Overexposure:IRRITATION OF EYES, SKIN, RESPIRATORY TRACT  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH  
WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR  
ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET  
PROMP T QUALIFIED MEDICAL ATTENTION.

===== F  
ire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:USE WATER SPRAY.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.  
Unusual Fire/Explosion Hazard:\*\*OXIDIZER\*\* CONTACT  
W/COMBUSTIBLE,FLAMMABLE MATERIALS OR POWDERED METALS CAN CAUSE FIRE  
OR EXPLOSION.CONTAINERS MAY BURST FROM HEAT.DECOMPOSITION PRODS  
TOXIC.

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

Spill Release Procedures:USE PROPER PROTECTIVE EQUIPMENT;VENTILATE  
AREA;KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED  
MATERIAL;SHOVEL,CAREFULLY PLACE MATERIAL INTO DRY,CLEAN  
CONTAINER;COVER AND REMOVE FROM AREA .FLUSH SPILL AREA WITH WATER.  
Neutralizing Agent:NOT REPORTED.

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

Handling and Storage Precautions:\*\*OXIDIZER(YELLOW)\*\* STORE IN DRY  
PLACE AWAY FROM INCOMPATIBLE MATERIAL

S. AVOID STORAGE ON WOOD

FLOORS. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:KEEP OUT OF LIGHT.DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT GENERATE DUST. DO NOT BREATHE DUST, MIST OR FUMES. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/ORGANIC VAPORS.

Ven

tilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:BUTYL RUBBER

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NONE

===== Phy  
sical/Chemical Properties =====

HCC:D1

Vapor Density:9.30

Spec Gravity:2.48

Solubility in Water:MODERATE (1 TO 10%)

Appearance and Odor:CRYSTALS;WHITE;ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

ORGANIC MATERIALS, COMBUSTIBLE MATERIALS, STRONG REDUCING AGENTS

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:OXIDES OF SULFUR(SO\*2).

===== Di

sposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.RCRA CODE IS D001(IGNITABLE).

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