

J T BAKER INC -- ALUMINUM NITRATE, 9-HYDRATE, 0528 -- 6810-00-300-5168

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Product Identification  
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Product ID:ALUMINUM NITRATE, 9-HYDRATE, 0528

MSDS Date:05/01/1989

FSC:6810

NIIN:00-300-5168

MSDS Number: BTZYW

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:908-85

9-2151;800-424-9300(CHEMTREC)

CAGE:DO803

=== Contractor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

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:ALUMINUM (III) NITRATE, NONAHYDRATE (1:3:9); (ALUMINUM

NITRATE, 9-HYDRATE)  
CAS:7784-27-2  
RTECS #:BD1050000  
Fraction by Wt: 98-100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 264 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:INHAL:IRRITATION OF UPPER  
RESPIRATORY TRACT. SKIN/EYE CONTACT:IRRITATION. SKIN  
ABSORPTION:NONE IDENTIFIED. INGEST:NAUSEA,  
VOMITING. CHRONIC:NONE  
IDENTIFIED.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGEST:CALL MD. IF SWALLOWED, IF CONSCIOUS, IMMEDIATELY  
INDUCE VOMITING. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE  
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
SKIN:FLUSH W/ WATER. EYES:IMMEDIATELY F  
LUSH W/PLENTY OF WATER FOR  
AT LEAST 15 MINUTES.

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

Flash Point Method:CC  
Extinguishing Media:USE WATER SPRAY.  
Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .  
MOVE CNTNRS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. USE WATER  
TO KEEP FIRE-EXPOSED CNTNRS COOL.  
Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONT W/COMBUST MATLS,  
FLAMM MATLS/POWDERED METALS CAN CAUSE FIRE/EXPLO. CAN REACT

VIOLENTLY W/SHOCK, FRICTION OR HEAT.

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

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED 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 AR EA. FLUSH SPILL AREA W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Hand

ling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE  
SEPARATELY & AWAY FROM FLAMMABLE & COMBUSTIBLE MATERIALS.

Other Precautions:CAUSES IRRITATION. HARMFUL IF SWALLOWED. STRONG  
OXIDIZER. CONTACT W/COMBUST MATLS, FLAMM MATLS OR POWDERED METALS  
CAN CAUSE FIRE/EXPLO. AVOID CONT W/EYES, SKIN, CLTHG. AVOID BRTHG  
DUST. USE W/ADEQUATE VENTILATION.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENT  
CONDITIONS

EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH/MSHA APPROVED  
DUST/MIST RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEEDS  
CAPACITY OF RESPIRATOR, A NIOSH/MSHA APPRVD SCBA IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV  
REQUIREMENTS. VENT HOOD.

Protective Gloves:BUTYL RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:UNIFORM IS RECOMMENDED. LAB COAT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supp

lemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Melt/Freeze Pt:M.P/F.P Text:163F,73C

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:WHITE CRYSTALLINE SOLID; ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

MOST COMMON METALS, STRONG REDUCING AGENTS, COMBUSTIBLE MATERIALS,  
ORGANIC MATERIALS, CYANID

ES.

Stability Condition to Avoid:MOISTURE.

Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE &  
LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: D001  
(IGNITABLE WASTE).

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