

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

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

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

CAGE:DO803

=== Contractor Identifi

cation ===

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

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

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 FLUSH 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 AREA. FLUSH SPILL AREA W/WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STOR

E

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 N
IOSH/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.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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===== 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, CYANIDES.
Stability Condition to Avoid:MOISTURE.
Hazardous Decompositi
on 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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