

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY) -- SODIUM  
NITROFERRICYANIDE,ANHYDROUS -- 6810-00-148-7212

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

Product ID:SODIUM NITROFERRICYANIDE,ANHYDROUS

MSDS Date:04/06/1989

FSC:6810

NIIN:00-148-7212

MSDS Number: CDZTK

=== Responsible Party ===

Company Name:MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:0

8865-2219

Country:US

Info Phone Num:800-582-2537 EXT 6501

Emergency Phone Num:908-859-2151/800-424-9300(CHEMTREC)

CAGE:EO303

=== 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:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

Company Name:MALLINKRODT-BAKER (F

ORMALLY J.T. BAKER COMPANY)  
Address:222 RED SCHOOL LANE  
Box:NONE  
City:PHILLIPSBURG  
State:NJ  
ZIP:08865-2219  
Country:US  
Phone:800-582-2537 EXT 6501/908-859-2151  
CAGE:EO303

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

Ingred Name:SODIUM NITROFERRICYANIDE  
CAS:14402-89-2  
RTECS #:LJ8750000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (CYANIDES)  
ACGIH TLV:S, 5 MG/M3 CYANIDES

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

LD50  
LC50 Mixture:LD50 (ORAL, RABBIT) IS 34 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:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
& GI TRACTS. ACUTE- MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED  
THROUGH SKIN. EYE CONTACT MAY CAUSE IRRITATION & PAIN. MAY IRRITATE  
SKIN ON CONTACT. INHALATION MAY CAUSE HEADACHE & DIZZINESS.  
INGESTION CAUSES TOXIC EFFECTS SIMILAR TO NITRITE POISONING.  
CHRONIC- SIMILAR TO ACUTE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, DISCOMFORT, PAIN, TEARING, BLURRING  
OF VISION, NAUSEA, HEADACHE, DIZZINESS, VOMITING, WEAKNESS,  
CYANOSIS, LOWERED BLOOD PRESSURE, UNCONSCIOUSNESS, CONVULSIONS AND  
DEATH  
Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH  
WITH WATER FOR

15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN.

SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND RESPIRATORY EQUIPMENT SUITABLE FOR

TOXIC DUSTS. SWEEP, SCOOP OR PICK UP SPILLED

MATERIAL. AVOID DUST DISPERSAL. PACKAGE FOR DISPOSAL. WET SWEEPING OR VACCUMING IS RECOMMEN DED. WASH SPILL AREA TO REMOVE RESIUAL CONTAMINATE

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE.

KEEP CONTAINER TIGHTLY CLOSED. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID BREATHING D

USTS. AVOID

CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NEEDED. IF AIRBORNE CONCENTRATIONS ARE HIGH, WEAR NIOSH-APPROVED RESPIRATOR FOR DUST OR DUST MASK.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:NATURAL RUBBER

Eye Protection:DUST-RESISTAN

T GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

DIFFERENT FORMULA.

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

HCC:T3

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.72

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:40% @ 16C/61F

Appearance and Odor:RED, TRANSPARENT CRYSTALS - ODO  
RLESS

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:TOXIC FUMES OF NITROGEN OXIDES,  
CYANIDE AND SODIUM OXIDE

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS. REUSING OR  
RECYCLING IS RECOMMENDED.

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