

SODIUM NITROFERRICYANIDE, ANHYDROUS

MSDS Number

CDZTK

National Stock Number

6810-00-148-7212

Product Name

SODIUM NITROFERRICYANIDE, ANHYDROUS

Manufacturer

MALLINKRODT BAKER (FORMALLY J T BAKER COMPANY)

Product Identification

Product ID: SODIUM NITROFERRICYANIDE, ANHYDROUS

MSDS Date: 04/06/1989

FSC: 6810

NIIN: 00-148-7212

MSDS Number: CDZTK

Responsible Party

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

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

Info Phone: 800-582-2537 EXT 6501

Cage: EO303

Contractor

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

NONE

PHILLIPSBURG, NJ 08865-2219

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Cage: EO303

Ingredients

SODIUM NITROFERRICYANIDE

CAS: 14402-89-2

RTECS: LJ8750000

Fraction By Weight: 100%

OSHA PEL5 MG/M3 (CYANIDES)

ACGIH TLV: S, 5 MG/M3 CYANIDES

Hazards

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

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

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

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

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

Exposure Controls

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-RESISTANT 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.

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 - ODORLESS

Stability

Stability Indicator/Materials to Avoid: YES
Stability Condition to Avoid: NONE
Hazardous Decomposition Products: TOXIC FUMES OF NITROGEN OXIDES,
CYANIDE AND SODIUM OXIDE

Disposal

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

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