

(1,3-BIS(DIPHENYLPHOSPHINO)PROPANE)-NICKEL

MSDS Number

BRLQD

National Stock Number

6810-00N041747

Product Name

(1,3-BIS(DIPHENYLPHOSPHINO)PROPANE)-NICKEL

Manufacturer

ALDRICH CHEMICAL CO INC

Product Identification

Product ID:(1,3-BIS(DIPHENYLPHOSPHINO)PROPANE)-NICKEL

MSDS Date:01/15/1992

FSC:6810

NIIN:00N041747

MSDS Number: BRLQD

Responsible Party

ALDRICH CHEMICAL CO INC

MILWAUKEE , WI 53201

US

Emergency Phone: 414-273-3850

Info Phone: 414-273-3850

Cage: 60928

Contractor

ALDRICH CHEMICAL CO INC

355

MILWAUKEE, WI 53233

US

414-273-3850

Cage: 60928

Ingredients

(1,3-BIS(DIPHENYLPHOSPHINO)PROPANE)-NICKEL(II) CHLORIDE

CAS: 15629-92-2

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE & SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT. MAY CAUSE ALLERGIC RESPIRATORY & SKIN REACTIONS. CHRONIC:CARCINOGEN. TARGET ORGANS(S): LUNGS. TO THE BEST OF KNOWLEDGE, THE CHEMICAL, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NICKEL:NTP SIXTH ANNUAL REPORT ON CARCINS, 1991: ANTIC TO BE A CARCIN. IARC GRP 2B, IARC MONOGRAPHS, SUPPLEMENT (SUPDAT)

Effects of Overexposure:HLTH HAZ:PHYSICAL & TOXICOLOGICAL PROPERTIES
HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES:IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT
LEAST 15 MINUTES. SKIN:IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING &
SHOES. DISCARD CONTAMINATED CLOTHING & SHOES. INHAL:REMOVE TO
FRESH AIR. IF NOT BREATHING GIVE ARTIF RESPIR. IF BREATHING IS DIFFICULT, GIVE
OXYGEN. INGEST:WASH OUT MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS.
CALL MD.

Fire Fighting

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR
APPROPRIATE FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Accidental Release

Spill Release Procedures:EVACUATE AREA. WEAR NIOSH/MSHA APPROVED SCBA,
RUBBER BOOTS & HEAVY RUBBER GLOVES. WEAR DISPOSABLE COVERALLS &
DISCARD THEM AFTER USE. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE
DISPOSAL. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP
IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:DO NOT BREATHE DUST. AVOID ALL
CONTACT. AVOID PROLONGED OR REPEATED EXPOSURE. CARCINOGEN.
IRRITANT. SENSITIZER. MOISTURE SENSITIVE.

Other Precautions:KEEP TIGHTLY CLOSED. STORE UNDER NITROGEN. STORE IN A
COOL DRY PLACE. IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL
WHERE POSSIBLE). IMMEDIATELY TAKE OFF ALL CONTAMINATED CLOTHING.

Exposure Controls

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL-RESISTANT GLOVES.

Eye Protection:CHEM WORK GOGGLES W/FULL LENGTH FACE SHIELD

Other Protective Equipment:WEAR OTHER PROTECTIVE CLOTHING. SAFETY
SHOWER & EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MANUFACTURER'S TRADE NAME/PART NO:(II) CHLORIDE, 33536-3. HAZ DECOMP PROD:MAY
PRODUCE TOXIC FUMES OF PHOSPHORUS OXIDES &/OR PHOSPHINE. EXPLAN OF
CARCIN:NO.1-, 1979-, VOL 7, PG 264, 1987.

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:415F,213C

Appearance and Odor:RED-ORANGE POWDER.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:SENSITIVE TO MOISTURE.

Hazardous Decomposition Products:TOXIC FUMES OF: CARBON MONOXIDE,
CARBON DIOXIDE, HYDROGEN CHLORIDE GAS, NICKEL/NICKEL OXIDES.
THERMAL DECOMP (SUPDAT)

Disposal

Waste Disposal Methods:DISSOLVE OR MIX THE MATERIAL W/COMBUSTIBLE
SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER &
SCRUBBER. OBSERVE ALL FEDERAL, STATE & LOCAL ENVIRONMENTAL
REGULATIONS.

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