

NICKEL CHLORIDE HEXAHYDRATE,(CODE T1360001)

MSDS Number

BHCGD

National Stock Number

6810-00-726-9306

Product Name

NICKEL CHLORIDE HEXAHYDRATE,(CODE T1360001)

Manufacturer

VAN WATERS AND ROGERS INC

Product Identification

Product ID:NICKEL CHLORIDE HEXAHYDRATE,(CODE T1360001)

MSDS Date:09/01/1989

FSC:6810

NIIN:00-726-9306

MSDS Number: BHCGD

Responsible Party

VAN WATERS AND ROGERS INC

2600 CAMPUS DRIVE

SAN MATEO , CA 94403-2522

US

Emergency Phone: 408-424-9300

Info Phone: LOCAL VAN WATERS & ROGERS BRANCH

Preparer: CHARLES A. EISENHARD

Cage: 0AN91

Contractor

VAN WATERS AND ROGERS

644

SAN JOSE, CA 95131

US

408-435-8700/800-424-9300(CHEMTREC)

Cage: 0AN91

Ingredients

NICKEL CHLORIDE HEXAHYDRATE

CAS: 7791-20-0

RTECS: QR6480000

Fraction By Weight: >99.1%

OSHA PEL0.1 MG NI/M3

ACGIH TLV: 0.1 MG NI/M3

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 IS 105 MG/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:NICKEL CHLORIDE IS VERY IRRITATING TO BODY TISSUES. IT MAY SENSITIZE AN ACUTE ALLERGIC REACTION.

Explanation of Carcinogenicity:NICKEL AND SOME NICKEL COMPOUNDS ARE

LISTED AS CARCINOGENS. NICKEL CHLORIDE IS NOT LISTED. SEE SUPP.DATA

Effects of Overexposure:EYE:SEVERE IRRITATION SKIN:IRRITATION,POSSIBLE SENSITIZATION. INHALED:RESPIRATORY IRRITATION,POSSIBLE LUNG DAMAGE. INGESTION:NAUSEA,VOMITING,GIDDINESS.

Medical Cond Aggravated by Exposure:PEOPLE WHO HAVE DEVELOPED NICKLE SENSITIVITY MAY EXPERIENCE ASTHMA,BROCNHITIS,WHEEZING, DIFFICULTY BREATHING.

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED:GIVE 2 LARGE GLASSES OF MILK OR WATER AND IMMEDIATELY INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL CARE.

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:SWEEP UP AND PLACE IN A CLOSED DISPOSAL CONTAINER. WEAR PROTECTIVE EQUIPMENT BEFITTING THE SIZE OF SPILL. USE CARE NOT TO CAUSE OR BREATHE DUST.

Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED AREA. PROTECT BAGS FROM WATER AND MOISTURE.

Other Precautions:NONE

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ACID DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PER TAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.

Protective Gloves:RUBBER, VINYL OR OTHER IMPERVIOUS

Eye Protection:GOGGLES UNLESS FULL FACE PROT. IS WORN

Other Protective Equipment:FULL WORK CLOTHING, SAFETY SHOES,APRON. SAFETY SHOWER AND EYE WASH STATION.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID ALL CONTACT IF POSSIBLE.

Supplemental Safety and Health

VW&R CODE:T1360001. NICKEL REFINING AND SOME NICKEL COMPOUNDS ARE LISTED AS CARCINOGENS. THUS FAR NICKEL CHLORIDE HAS NOT BEEN FOUND TO CAUSE CANCER, BUT ALL DIRECT CONTACT SHOULD BE AVOIDED IF POSSIBLE.

Chemical Properties

HCC:T4

Spec Gravity:POWDER

Solubility in Water:COMPLETE

Appearance and Odor:GREEN DELEQUESCENT CRYSTALS,NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES

POTASSIUM (VIOLENT REACTION)

Stability Condition to Avoid:NONE GIVEN BY MANUFACTURER.

Hazardous Decomposition Products:NONE GIVEN BY FANUFACTURER -

Disposal

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS.

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