

VAN WATERS AND ROGERS INC -- NICKEL CHLORIDE HEXAHYDRATE,(CODE T1360001) --  
6810-00-726-9306

===== 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 ===

Company Name:VAN WATERS AND ROGERS INC

Address:2600 CAMPUS DRIVE

Box:5932

City:SAN MATEO

State:CA

ZIP:94403-2522

Country:US

Info Phone Num:LOCAL VAN WATERS & ROGERS BRANCH

Emergency Phone Num:408-424-9300

Preparer's Name:CHARLES A. EISENHARD

CAGE:0AN91

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

Company Name:VAN WATERS AND

ROGERS  
Address:2256 JUNCTION AVE  
City:SAN JOSE  
State:CA  
ZIP:95131  
Country:US  
Phone:408-435-8700/800-424-9300(CHEMTREC)  
CAGE:0AN91

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Composition/Information on Ingredients  
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Ingred Name:NICKEL CHLORIDE HEXAHYDRATE  
CAS:7791-20-0  
RTECS #:QR6480000  
Fraction by Wt: >99.1%  
Other REC Limits:NIOSH 0.015 MG NI/M3  
OSHA PEL:0.1 MG NI/M3  
ACGIH TLV:0.1 MG NI/M3

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Hazards Identification  
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LD50 LC50 Mixture:ORAL RAT LD50 IS 105 MG/KG  
Route  
s 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.

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First Aid Measures  
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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 Measures =====

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 Measures =====

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 and Storage =====

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

Other Precautions:NONE

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

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 PERTAINING TO RESPIRATOR USE.

Ventil

ation: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 COMP

OUNDS ARE

LISTED AS CARCINOGENS. THUS FAR NICKEL CHLORIDE HAS NOT BEEN FOUND TO CAUSE CANCER, BUT ALL DIRECT CONTACT SHOULD BE AVOIDED IF POSSIBLE.

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

HCC:T4

Spec Gravity:POWDER

Solubility in Water:COMPLETE

Appearance and Odor:GREEN DELEQUESCENT CRYSTALS,NO ODOR

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

Stability Indicator/Materials to Avoid:YES

POTASSIUM (VIOLENT REACTION)

Stability Con

dition to Avoid:NONE GIVEN BY MANUFACTURER.

Hazardous Decomposition Products:NONE GIVEN BY MANUFACTURER -

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

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

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