

VAN WATERS AND ROGERS INC -- NICKEL SULFATE CRYSTAL -- 6810-00-281-2684

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Product Identification
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Product ID:NICKEL SULFATE CRYSTAL

MSDS Date:06/01/1994

FSC:6810

NIIN:00-281-2684

MSDS Number: BWDVC

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC

Address:6100 CARILLON PT

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Info Phone Num:206-889-3400

Emergency Phone Num:206-889-34

00 800-424-9300(CHEMTREC)

Preparer's Name:JEANIE SINCLAIR

CAGE:0STM5

=== 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:VOPAK USA INC

Address:6100 CARILLON POINT

Box:City:KIRKLAND

State:WA

ZIP:98033-7357

Country:US

Phone:425-889-3400/425-889-3617

CAGE:0STM5

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Composition/Information on Ingredients
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Ingred Name:NICK

EL SULFATE (SARA III)
CAS:7786-81-4
RTECS #:QR9350000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG(NI)/M3
ACGIH TLV:0.1 MG(NI)/M3; 9394
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 22.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 275MG/KG
Routes of Entry: Inhalation:YES Skin:YES I
ngestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:**POISON** EYES:MAY CAUSE ALLERGIC
DERMATITIS(NICKEL RASH).SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE
GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY
IRRITATION.CHRONIC:MAY CAUSE NASAL AND LUNG CANCER .POSSIBLE DAMAGE
TO MALE REPRODUCTIVE ORGANS.
Explanation of Carcinogenicity:NTP AND IARC SUGGESTS THAT THERE IS
EVIDENCE THAT CERTAIN NICKEL COMPOUNDS ARE CARCINOGENIC.
Effect
s of Overexposure:SKIN:RASH,ITCH.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING
RESPIRATORY AND SKIN AILMENTS MAY BE AT INCREASED RISK FROM
EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET
PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,IND

UCE VOMITING.

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Fire Fighting Measures
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Flash Point:NONE

Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.SWEEP OR VACUUM;

DO NOT CREATE DUST;PLACE IN

ADRY CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH WATER.AVOID DISCHARGE INTO SEWER OR WATERWAYS.

Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:AVOID SKIN AND EYE CONTACT.DO NOT INHALE DUST.

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Exposure Controls/Personal Protection
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Respiratory

Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental

Safety and Health

POISON

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Physical/Chemical Properties
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HCC:T6

Spec Gravity:2.03

Solubility in Water:COMPLETE

Appearance and Odor:CRYSTAL;EMERALD GREEN.ODOR NOT REPORTED.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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