

FIDELITY CHEMICAL PRODUCTS CORP -- NICKEL CHLORIDE SOLUTION, 0354 -- 6810-01-315-4595
===== Product Identification =====

Product ID:NICKEL CHLORIDE SOLUTION, 0354
MSDS Date:01/26/1991
FSC:6810
NIIN:01-315-4595
MSDS Number: BRFWK
=== Responsible Party ===
Company Name:FIDELITY CHEMICAL PRODUCTS CORP
Address:470 FRELINGHUYSEN AVE
City:NEWARK
State:NJ
ZIP:07114
Country:US
Info Phone Num:201-242-4110

Emergency Phone Num:800-424-9300(CHEMTREC)
Preparer's Name:PETER F. DOWNING
CAGE:07653
=== Contractor Identification ===
Company Name:FIDELITY CHEMICAL PRODUCTS CORP
Address:470 FRELINGHUYSEN AVE
Box:City:NEWARK
State:NJ
ZIP:07114
Country:US
Phone:973-242-4110
CAGE:07653

===== Composition/Information on Ingredients =====

Ingred Name:NICKEL (II) CHLORIDE (1:2) (SARA III) PEL/TLV AS SOLUBLE
NICKEL COMPOUNDS
CAS:7718-54-9
RTECS #:QR6475000
Fraction by Wt: 54%
OSHA PEL:1 MG

NI/M3
ACGIH TLV:0.1 MG NI/M3; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NON HAZARDOUS INGREDIENTS
Fraction by Wt: BALANCE

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: CAUSES IRRITATION.
SKIN:CAUSES IRRITATION. PROLONGED OR REPEATED CONTACT CAUSE
S
DERMATITIS. INHAL:CAUSES IRRITATION OF UPPER RESPIRATORY TRACT.
INGEST:CAUSES DAMAGE TO GASTROINTESTINAL TR ACT. CHRONIC: UNKNOWN.
Explanation of Carcinogenicity:NICKEL:GROUP 1 (IARC VOL 49, P257,1990),
ANTICIP TO BE A CARCIN (NTP 6TH ANN RPT, 1991)
Effects of Overexposure:INHALATION OF MIST/VAPOR CAN CAUSE IRRITATION
OF UPPER RESPIRATORY TRACT. SKIN CONTACT MAY BE IRRITATING AND CAN
CAUSE ALLERGIC DERMATITIS ("NICKEL ITCH") CHARACTERIZED BY ITCHING
AND SKIN ERUPTIONS.
EYE CONTACT WITH SOLUTION MAY CAUSE IRRIT.
INGESTION CAN CAUSE GIDDINESS, NAUSEA AND VOMITING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:FLUSH THOROUGHLY WITH RUNNING WATER FOR AT LEAST 15
MINUTES, INCLUDING UNDER LIDS. CONTACT PHYSICIAN IMMEDIATELY.
SKIN:FLUSH AFFECTED AREA WITH PLENTY OF WATER. REMOVE CONTAMINATED
CLOTHING UNDER SHOWER. CONTACT PHYSICIAN IMMEDIATELY
.INHAL:REMOVE
TO FRESH AIR. CONTACT PHYSICIAN IMMEDIATELY. INGEST:GIVE VICTIM A
LARGE AMOUNT OF WATER OR MILK TO DRINK. CONTACT A PHYSICIAN
IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point:NOT FLAMMABLE
Extinguishing Media:SAME AS FOR SURROUNDING MATERIAL.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====

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Spill Release Procedures:NEUTRALIZE MATERIAL WITH CRUSHED LIMESTONE, SLAKED LIME OR LIMESTONE. ABSORB USING ANY NON-COMBUSTIBLE SORBENT SUCH AS CLAY, CEMENT POWDER OR FLYASH. GATHER IN A POLYLINE DRUM.
Neutralizing Agent:CRUSHED LIMESTONE, SLAKED LIME OR LIMESTONE.

===== Handling and Storage =====

Handling and Storage Precautions:BEFORE MOVING DRUM, BE SURE CLOSURES ARE SECURELY FASTENED. KEEP AWAY FROM CHILDREN.

Other Precautions:KEEP AWAY FROM CYANIDES, ALKALI MATERIALS, WATER REACTIVE MATERIALS. KEEP OUT OF DIRECT SUNLIGHT AND STORE AWAY FROM HEAT.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED CHEMICAL RESPIRATOR.
Ventilation:LOCAL EXHAUST SHOULD BE USED. MAINTAIN A MINIMUM AIR FLOW OF 100 LPM.

Protective Gloves:NEOPRENE OR PVC GLOVES.

Eye Protection:CHEM WORK GOGG/FULL LENGTH FCSHLD.

Other Protective Equipment:NEOPRENE OR PVC APRON, RUBBER BOOTS.

Work Hygienic Practices:KEEP CONTAINER CLOSED AT ALL TIMES WHEN NOT IN USE.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

Boiling Pt:B.P. Text:>212F,>100C

Spec Gravity:1.34 (H*2O = 1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, DARK GREEN LIQUID WITH A VERY SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES
CYANI

DES, WATER REACTIVE MATERIALS.

Stability Condition to Avoid:EXCESS HEAT.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE
NICKEL OXIDE AND HYDROCHLORIDE ACID.

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

Waste Disposal Methods:FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS FOR
DISPOSAL.

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