

HARSHAW CHEMICAL CO -- 15248 NICKEL CHLORIDE HEXAHYDRATE SPEC 101 --  
6810-00-726-9306

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===== Product Identification =====

Product ID:15248 NICKEL CHLORIDE HEXAHYDRATE SPEC 101

MSDS Date:05/05/1988

FSC:6810

NIIN:00-726-9306

MSDS Number: BFMPP

=== Responsible Party ===

Company Name:HARSHAW CHEMICAL CO

Address:1945 E 97TH ST

City:CLEVELAND

State:OH

ZIP:44106-4720

Country:US

Info Phone Num:216-292-920

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Emergency Phone Num:216-292-9200

CAGE:80000

=== Contractor Identification ===

Company Name:HARSHAW CHEMICAL CO

Address:1945 E 97TH ST

Box:City:CLEVELAND

State:OH

ZIP:44106-4720

Country:US

CAGE:80000

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

Ingred Name:NICKEL CHLORIDE (SARA III)

CAS:7718-54-9

RTECS #:QR6475000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG NI/M3

ACGIH TLV:0.1 MG NI/M3; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION OF DUST/MIST MAY CAUSE RESPIRATORY IRRITATION. CONTACT MAY CAUSE SKIN OR EYE IRRITATION. INGESTION MAY BE HARMFUL. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE CANCER OR SKIN SENSITIZATION.  
Explanation of Carcinogenicity:IARC AND NTP LIST THIS MATERIAL AS A

POSSIBLE OR ANTICIPATED CARCINOGEN (NICKEL COMPOUND).  
Effects of Overexposure:INHALED: SHORTNESS OF BREATH, ASTHMA, BRONCHITIS, WHEEZING. EYES: REDNESS, TEARING, PAIN, BURNING SENSATION. SKIN: REDNESS, RASH, ITCHING. INGESTED: NONE GIVEN/FOUND.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN OR RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

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First Aid Measures  
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First Aid:INHALED: MOVE TO FRESH AIR. SEE DOCTOR IF SYMPTOMS PERSIST.  
EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: FLUSH WITH WATER. SEE DOCTOR. INGESTED: CALL DOCTOR.

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Fire Fighting Measures  
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Flash Point:NONE  
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:MAY RELEASE HYDROCHLORIC ACID GAS UNDER FIRE CONDITIONS.

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Accidental Release Measures  
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Spill Release Procedures:CONTAIN SPILLAGE AND SCOOP OR VACUUM UP; PLACE IN A CONTAINER FOR LATER DISPOSAL. AVOID DUSTING.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respir

atory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE  
OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED  
AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR  
1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO  
MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RUBBER OR NEOPRENE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WAS

H HANDS AFTER USE AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS DATED:4/19/72;SPEC REFERENCE:MIL SPEC:DOD-N-51512,TYPE

III;DLSC-TIR REFERS TO FED SPEC:O-N-335.

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

HCC:N1

Spec Gravity:1.57

Solubility in Water:APPRECIABLE

Appearance and Odor:GREEN DELIQUESCENT CRYSTALS; ODORLESS

Percent Volatiles by Volume:0

===== Stability and Reactivi  
ty Data =====

Stability Indicator/Materials to Avoid:YES

POTASSIUM, SULFURIC ACID, ALKALIES

Stability Condition to Avoid:EXTREME HEAT, CONTACT WITH SULFURIC ACID,  
POTASSIUM OR ALKALIES.

Hazardous Decomposition Products:HYDROCHLORIC ACID

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

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

Disclaimer (provided with this information by the compiling agencies):

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