

ATOTECH USA INC -- NICKEL CHLORIDE HEXAHYDRATE,SPEC. 101 -- 6810-00-726-9306

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Product Identification  
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Product ID:NICKEL CHLORIDE HEXAHYDRATE,SPEC. 101

MSDS Date:04/06/1993

FSC:6810

NIIN:00-726-9306

MSDS Number: BYNZD

=== Responsible Party ===

Company Name:ATOTECH USA INC

Address:1000 HARVARD AVE

City:CLEVELAND

State:OH

ZIP:44109-5000

Country:US

Info Phone Num:800-752-8464

Emergency Phon

e Num:800-752-8464

CAGE:ATOTC

=== Contractor Identification ===

Company Name:ATOTECH USA INC

Address:1000 HARVARD AVE

Box:12000

City:CLEVELAND

State:OH

ZIP:44109-5000

Country:US

Phone:800-752-8464

CAGE:ATOTC

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Composition/Information on Ingredients  
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Ingred Name:NICKEL CHLORIDE

CAS:7718-54-9

RTECS #:QR6475000

Fraction by Wt: 60-100%

OSHA PEL:0.1 MG/CUM

ACGIH TLV:0.1 MG/CUM

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:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION, SENSITIZATION/ALLEGIC REACTIONS. INHALATION: MAY CAUSE UPPER RESPIRATORY IRRITATION. INGESTION: HARMFUL. NICKEL-MAY CAUSE BRONCHITIS IN HYPERSEN SITIVE INDIVIDUALS.  
Explanation of Carcinogenicity:NICKEL AND CERTAIN NICKEL COMPOUNDS ARE LISTED CONSIDERD CARCINOGENIC.

Effects of Overexposure:IRRITATION. NICKEL-ASTHMA, SHORTNESS OF BREATH, WHEEZING.  
Medical Cond Aggravated by Exposure:ALLERGIES, DERMATITIS, ASTHMA, BRONCHITIS/OTHER RESPIRATORY AILMENTS, HYPERSENSITIVITY TO NICKEL.

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

First Aid:EYES/SKIN: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. INGESTION: INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNE  
L.  
OBTAIN MEDI CAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER, CO2, FOAM.  
Fire Fighting Procedures:WEAR A POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:HYDROCHLORIC ACID MAY BE GENERATED IN A FIRE SITUATION.

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

Spill Release Procedures:CONTAIN & SCOOP UP/VACUUM. AVOID DUSTING.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN A COOL, DRY LOCATION AWAY FROM INCOMPATIBLE MATERIALS. USE ONLY W/ADEQUATE VENTILATION.  
Other Precautions:AVOID BREATHING DUST. AVOID CONTACT W/EYES, SKIN & CLOTHING.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR AS NECESSARY.  
Ventilation:GENERAL/LOCAL EXHAUST AS NECESSARY TO CONTROL ANY AI

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CONTAMINANTS TO W/IN TLVS DURING USE OF THIS PRODUCT.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:BODY PROTECTION AS NECESSARY TO PREVENT SKIN CONTACT

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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

HCC:T6

Spec Gravity:1.57

Solubility in Water:COMPLETE

Appearance and Odor:GREEN D

ELIQUESCENT CRYSTALS W/NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

ALKALIES, SULFURIC ACID.

Stability Condition to Avoid:EXTREME HEAT, HUMIDITY.

Hazardous Decomposition Products:HYDROCHLORIC ACID GAS.

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

Waste Disposal Methods:REVIEW ALL WASTE MATERIALS TO DETERMINE

APPLICABLE HAZARDS (TESTING MAY BE NECESSARY). DISPOSAL

REQUIREMENTS ARE DEPENDE

NT ON HAZARD CLASSIFICATION & TYPE OF

DISPOSAL METHOD SELECTED. SOME WASTE MATER IALS ARE AMENABLE TO

RECYCLE/REUSE. (SEE SUPP)

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