

ATOTECH USA INC. -- NICKEL CARBONATE -- 6810-01-016-1806

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Product Identification
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Product ID:NICKEL CARBONATE

MSDS Date:09/11/1997

FSC:6810

NIIN:01-016-1806

MSDS Number: CFTGG

=== Responsible Party ===

Company Name:ATOTECH USA INC.

Address:1750 OVERVIEW DR.

Box:12000

City:ROCK HILL

State:SC

ZIP:29731-2000

Country:US

Info Phone Num:803-817-3500

Emergency Phone Num:803-817-3500 800-424-93

00(CHEMTREC)

Preparer's Name:PRODUCT SAFETY DEPT.

CAGE:MO542

=== Contractor Identification ===

Company Name:ATOTECH USA INC

Address:1750 OVERVIEW DR.

Box:12000

City:ROCK HILL

State:SC

ZIP:29731-2000

Country:US

Phone:803-817-3500

CAGE:MO542

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Composition/Information on Ingredients
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Ingred Name:NICKEL CARBONATE BASIC

CAS:12607-70-4

RTECS #:QR6250000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 ORAL RAT HAS NOT BEEN ESTABLISHED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.INGEST:MAY CAUSE GASTROINTESTINAL IRRITATION.CHRONIC:CAPILLARY DAMAGE,LIVER AND KIDNEY DAMAGE.PROLONGED CONTACT MAY CAUSE NICKEL ITCH(SKIN SENSITIZATION).

Explanation of Carcinogenicity:N

NICKEL COMPOUNDS HAVE BEEN CLASSIFIED BY

IARC AS PROBABLE HUMAN CARCINOGENS;NTP AS CONFIRMED HUMAN CARCINOGENS.

Effects of

Overexposure:EYES/SKIN:REDNESS,SWELLING,PAIN.INGEST:ABDOMINAL PAIN,HEADACHE,NAUSEA,VOMITING,DIARRHEA.ABSORPTION:GIDDINESS,MYOCARDIAL WEAKNESS,CNS DEPRESSION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFR.

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

First Aid:EYES:FLUSH WITH WATER UNTIL ALL TRACES ARE GONE.SEEK MEDICAL

ATTENTION

IF IRRITATION PERSISTS.SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER.SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.INHAL:REMOVE FROM EXPOSURE.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NECESSARY.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE 1-2 GLASSES WATER.INDUCE VOMITING ONLY W/MEDICAL ADVICE.

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

Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:THIS PRODUCT EVOLVES CARBON DIOXIDE ABOVE 400F.

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

Spill Release Procedures:REMOVE IGNITION SOURCES.VENTILATE AREA.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.CAREFULLY SWEEP UP SPILLED MATERIAL.AVOID CONTACT WITH SP

ILLED

MATERIAL.WASH SPILL AREA.RINSATE SH OULD BE CONSIDERED HAZARDOUS.

Neutralizing Agent:NOT APPLICABLE.

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

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

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

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

Respiratory Protection:USE A NIOSH-MSHA APPROVED RESPIRATOR FOR DU ST.

Ventilation:USE LOCAL EXHAUST AT THE WORKSITE;GENERAL EXHAUST TO MAINTAIN TLV/PEL.

Protective Gloves:BUTYL RUBBER,NEOPRENE.

Eye Protection:DUST PROOF GOGGLES

Other Protective Equipment:APRON,COVERALLS.PROVIDE A LOCAL EYE WASH STATION AND QUICK DRENCH SHOWER.

Work Hygienic Practices:USE GOOD LABORATORY PRACTICES.

Supplemental Safety and Health

NONE

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

HCC:T6

Decomp Temp:Decomp Text:>400F,>204C

Spec Gravity:2.6

Solubil

ity in Water:NEGLIGIBLE

Appearance and Odor:LIGHT GREEN POWDER;ODORLESS.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

ACIDS,AMMONIA.

Stability Condition to Avoid:TEMPERATURES ABOVE 400F

Hazardous Decomposition Products:CARBON DIOXIDE.

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

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

IS MATERIAL MAY BE SUBJECT TO THE REGULATIONS
IN 40CFR261.

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