

ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP -- NICKEL (II) CARBONATE
HYDROXIDE TETRAHYDRATE -- 6810-01-445-8047

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

Product ID:NICKEL (II) CARBONATE HYDROXIDE TETRAHYDRATE

MSDS Date:09/10/1997

FSC:6810

NIIN:01-445-8047

Status Code:A

MSDS Number: CHXFD

=== Responsible Party ===

Company Name:ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP

Address:1001 W. ST.

PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53201

Country:US

Info Phone Num:414-273-3850/FAX -4979

Emergency Phone Num:414-273-3850

CAGE:60928

=== Contractor Identification ===

Company Name:ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:60928

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

Ingred Name:NICKEL CARBONATE HYDROXIDE TETRAHYDRATE

CAS:12244-51-8

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CAUSES EYE AND SKIN IRRITATION.
EXPOSURE CAN CAUSE: GASTROINTESTINAL DISTURBANCES.
Explanation of Carcinogenicity:CARCINOGEN. CANCER SUSPECT AGENT,
IRRITANT.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN. IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

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

Flash Point:NONE
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:EVACUATE AREA. WEAR SCBA, RUBBER BOOTS AND HEAVY RUBBER GLOVES. WEAR DISPOSABLE COVERALLS & DISCARD AFTER USE. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE
Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.
Other Precautions:NONE.

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

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Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR.
AVOID INHALATION.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:COMPATIBLE CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:SAFETY SHOWER AND EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

AVOID CONTACT WITH EYES, SKIN AND CLOTHING, AVOID PROLONGED OR REPEATED
EXPOSURE.

===== Phy
sical/Chemical Properties =====

HCC:N1

Appearance and Odor:LIME GREEN POWDER.

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

Stability Indicator/Materials to Avoid:YES
PEROXIDES, STRONG ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
NICKEL/NICKEL OXIDES.

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

Waste Disposal Methods:THIS MATERIAL SHOULD BE
DISSOLVED IN 1)WATER; 2)

ACID SOLUTION OR 3) OXIDIZED TO A WATER-SOLUBLE STATE. PRECIPITATE
THE MATERIAL AS THE SULFIDE, ADJUSTING THE PH TO 7 TO COMPLETE
PRECIPITATION. FILTER & DISPOSE OF INSOLUBLE IN A HAZARDOUS WASTE
SITE.

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