

PENNWALT CORP.,INORGANIC CHEMICALS DIV. -- NICKEL CARBONATE, DUSTLESS --
6810-01-016-1806

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Product Identification
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Product ID:NICKEL CARBONATE, DUSTLESS

MSDS Date:04/06/1989

FSC:6810

NIIN:01-016-1806

MSDS Number: BQGQV

=== Responsible Party ===

Company Name:PENNWALT CORP.,INORGANIC CHEMICALS DIV.

Address:THREE PARKWAY

City:PHILADELPHIA

State:PA

ZIP:19102

Country:US

Info Phone Num:215-58

7-7695

Emergency Phone Num:215-587-7695

CAGE:KO761

=== Contractor Identification ===

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:800-245-5858

CAGE:86460

Company Name:M & T CHEMICALS. CAGE CANCELLED

Country:US

CAGE:27201

Company Name:PENNWALT CORP.,INORGANIC CHEMICALS DIV.

Address:THREE PARKWAY

Box:City:PHILADELPHIA

State:PA

ZIP:19102

Country:US

Phone:215-587-7695

CAGE:KO761

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Composition/Inform

ation on Ingredients =====

Ingred Name:NICKEL CARBONATE
CAS:3333-67-3
RTECS #:QR6200000
Fraction by Wt: >99%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG NI/M3
ACGIH TLV:1 MG NI/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING (MECHANICAL IRRITATION). NICKEL IS A SENSITIZER PRODUCING A " NICKEL RASH" IN SOME PEOPLE.
Explanation of Carcinogenicity:NICKEL REFINING AND SOME NICKEL COMPOUNDS ARE LISTED AS CARCINOGENS BY NTP & IARC. SEE INDIVIDUAL REPORTS FOR DETAILS.
Effects of Overexposure:EYE:MECHANICAL IRRITATION. SKIN:SENSITIZATION, "NICKEL RASH". INHALED:RESPIRATORY IRRITATION.
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY MFR.

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

First Aid:IF IRRITATION PERSISTS OR I S SEVERE, SEE A DOCTOR. EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. INGESTED:NEVER GIVE FLUIDS OR INDUCE VOMITING I F PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.

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

Extinguishing Media:WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures:IN THE PRESENCE OF SULFUR OR SULFATES, MAY REACT WITH CO2 TO FORM NICKEL CARBONYL.
Unusual Fire/Ex

Explosion Hazard:METALLIC NICKEL CAN REACT WITH ACIDS TO
LIBERATE HYDROGEN WHICH MAY CREATE AN EXPLOSION HAZARD.

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

Spill Release Procedures:MAY BE HAZARDOUS TO AQUATIC LIFE. SWEEP UP
BEING CAREFUL NOT TO CAUSE DUST. TRANSFER TO SUITABLE CONTAINER FOR
DISPOSAL. FLUSH AREA WITH WATER. CONTAIN WATER FOR TESTING PRIOR TO
TREATMENT OR DISPOSAL .

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:NORMAL WAREHOUSE STORAGE.

Other Precautions:FOR INDUSTRIAL USE ONLY. READ TECHNICAL DATA
BULLETIN ABOUT THIS PRODUCT PRIOR TO USE. ACGIH DOES NOT CONSIDER
ALL FORMS OF NICKEL AS CARCINOGENIC. ACGIH LISTS ONLY NICKEL
SULFIDE ROASTING.

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

Respiratory Protection:USE NIOSH APPROVED AIR-SUPPLIED OR
HIGH-EFFICIENCY CARTRIDGE RESPIRATOR
IF VENTILATION FAILS TO KEEP
AIRBORNE.

Ventilation:LOCAL EXHAUST IS RECOMMENDED. MECHANICAL (GENERAL) IS
REQUIRED.

Protective Gloves:RUBBER, NEOPRENE, NITRILE

Eye Protection:CHEM WORKERS GOGGLES, NO CONTACT LENS

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and
Health

KEY2:KT MSDS RECEIVED FROM NAVY (FOCAL POINT N). CAGE CODE AND NSN
IDENTIFIED BY THEM.

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

HCC:N1

NRC/State Lic Num:NONE

Spec Gravity:POWDER

Solubility in Water:INSOLUBLE

Appearance and Odor:MOIST GREEN POWDER CHARACTERISTIC ODOR

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:DO NOT STORE N

EAR ACIDS.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE AS SOLID WASTE. FOLLOW ALL CHEMICAL POLLUTION CONTROL REGULATIONS. CONSULT APPROPRIATE STATE REGULATIONS FOR WASTE CLASSIFICATION OF NICKEL CONTAINING COMPOUNDS.

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