

PHILIPP BROS CHEMICALS INC -- NICKEL CARBONATE,DUSTLESS -- 6810-01-016-1806

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Product Identification  
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Product ID:NICKEL CARBONATE,DUSTLESS

MSDS Date:10/01/1996

FSC:6810

NIIN:01-016-1806

MSDS Number: CCLVN

=== Responsible Party ===

Company Name:PHILIPP BROS CHEMICALS INC

Address:1 PARKER PLAZA,14TH FLOOR

City:FORT LEE

State:NJ

ZIP:07024

Country:US

Info Phone Num:803-481-8528

Emergency Pho

ne Num:201-944-6020 800-424-9300(CHEMTREC)

CAGE:5R956

=== Contractor Identification ===

Company Name:PHILIPP BROS CHEMICALS INC

Address:1 PARKER PLZ

Box:City:FT. LEE

State:NJ

ZIP:07024

Country:US

Phone:201-944-6020

CAGE:5R956

Box:UNKNOW

CAGE:CPCHE

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Composition/Information on Ingredients  
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Ingred Name:NICKEL CARBONATE

CAS:3333-67-3

RTECS #:QR6200000

Fraction by Wt: 78%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3 (NI)

ACGIH TLV:1 MG/M3 (NI)

Ingred Name:NICKEL C

ARBONATE(SAME AS INGREDIENT 1;DIFFERENCE CAS AND  
RTECS NUMBERS)

CAS:12607-70-4

RTECS #:QR6250000

Other REC Limits:NONE RECOMMENDED

Ingred Name:NICKEL (SARA 313) (CERCLA)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9596

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

LD50 LC50 Mixture:LDLO GUINEA PIG IS 5MG/KG(NI)

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

Reports of Carcinogenicity:NTP:YES IARC

:YES OSHA:NO

Health Hazards Acute and Chronic:INGEST:MAY CAUSE IRRITATION TO  
DIGESTIVE TRACT.ABSORPTION UNLIKELY,BUT MAY RESULT IN CAPILLARY  
DAMAGE,MYOCARDIAL WAEKNESS,CNS DEPRESSION,LIVER AND KIDNEY  
DAMAGE.INHAL:MAY CAUSE RESPIRATORY IRRITATION. SKIN:MAY CAUSE  
IRRITATION.EYES:MAY CAUSE IRRITATION OR  
DAMAGE.CHRONIC:DERMATITIS,LUNG AND SINUS CANCER.

Explanation of Carcinogenicity:POSSIBLE SINUS AND PULMONARY  
CARCINOGENESIS.

Effects of Overexposure:INGEST:NAUSEA,VOMITING,  
ABDOMINAL

PAIN,DIARRHEA.ABSORPTION:GIDDINESS.INHAL:COUGHING,SORE  
THROAT,SHORTNESS OF  
BREATH.SKIN:REDNESS,PAIN.EYES:REDNESS,PAIN,DISCOLORATION.

Medical Cond Aggravated by Exposure:MAY AGGIVATE SKIN DISEASE,ALLERGIES  
AND LUNG DISEASE.

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

First Aid:EYES:IMMEDIATE FLUSHING WITH WATER IS CRUCIAL.GET MEDICAL  
ATTENTION.SKIN:REMOVE CONTAMINATED CLOTHING,WASH WITH WATER.GET  
MEDICAL ATTENTION.INHAL:REMOVE TO FRESH

AIR.GIVE ARTIFICIAL

RESPIRATION OR OXY GEN IF NEEDED.CALL PHYSICIAN.INGEST:CALL PHYSICIAN. IF CONSCIOUS,GIVE 2 GLASSES OF WATER OR MILK AND INDUCE VOMITING BY SICKING FINGER DOWN THROAT.

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Fire Fighting Measures  
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Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL.AVOID CONTAMINATION OF GROUND AND WATERWAYS FROM FIRE CONTROL WATER.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MFR.

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Accidental Release Measures  
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Spill Release Procedures:VACUUM UP SPILLED MATERIAL AVOID MISTING.PACKAGE FOR RECLAMATION OR RECOVERY.DISPOSE OF UNUSABLE MATERIAL PROPERLY.

Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL,DRY,WELL -VENTILATED

PLACE.AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

Other Precautions:VOID CONTACT WITH SKIN,CLOTHING AND EYES.DO NOT INHALE MISTS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:UP TO 10 TIMES TLV USE A NIOSH/MSHA RESPIRATOR FOR DUST/MISTS.AT HIGHER CONCENTRATIONS, USE EITHER A FULL FACE SUPPLIED AIR RESPIRATOR OR AIRLINE HOOD.

Ventilation:USE LOCAL EXHAUST.

Protective Gloves:RUBBER OR NEOPRENE.

Eye Protection:DUST PROOF GOGGLES OR FACESHIELD.

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

Work Hygienic Practices:USE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE.

Supplemental Safety and Health

% VOLATILITY:THIS ITEM LOOSES CO\*2 AND WATER ABOVE 400F.INVENTORIES OF THIS ITEM IS REPORTABLE IN NEW JERSEY.

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Physical/Chemical Properties  
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HCC:T6

Melt/Freeze Pt:M.P/F.P Text:>400F,>204C

Decomp Temp:Decomp Text:400F,204C

Spec Gravity:2

.6

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT GREEN POWDER,ODORLESS.

Percent Volatiles by Volume:SUPPL

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

Stability Indicator/Materials to Avoid:YES

ACIDS,AMMONIA.

Stability Condition to Avoid:NONE SPECIFIED BY MFR.

Hazardous Decomposition Products:NONE SPECIFIED BY MFR.

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

Waste Disposal Methods:DISPOSE OF IN A CHEMICAL LANDFILL IN ACCORDANCE  
WI

TH FEDERAL,STATE AND LOCAL REGULATIONS.

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