

NICKEL GRAPHITE POWDER

MSDS Number

BRBGB

National Stock Number

6850-00F027873

Product Name

NICKEL GRAPHITE POWDER

Manufacturer

SHERRITT GORDON POWDER

Product Identification

Product ID:NICKEL GRAPHITE POWDER

MSDS Date:06/01/1988

FSC:6850

NIIN:00F027873

MSDS Number: BRBGB

Responsible Party

SHERRITT GORDON POWDER

FORT SASKATCHEWAN , AL

CN

Emergency Phone: 403-998-6666

Info Phone: 403-998-6666

Preparer: SHERRITT IND. HYGIENE DEP

Cage: 1C110

Contractor

SHERRITT GORDON MINES LTD/FAB MTLS PRODUCTS DIV

NONE

FORT SASKATCHEWAN ALTA

CA

Cage: 1C110

Ingredients

NICKEL (SOLUBLE) (SUSPECTED HUMAN CARCINOGEN BY NTP, IARC,

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 60%

OSHA PEL1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC

CARBON, GRAPHITE

CAS: 7440-44-0

RTECS: FF5250100

Fraction By Weight: 40%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 2 MG/M3 TDUST; 9293

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): >5000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. INHALATION: UPPER
RESPIRATORY TRACT IRRITATION & ASTHMA.
Explanation of Carcinogenicity:SEE INGREDIENTS
Effects of Overexposure:INHALATION: GRAPHITE PNEUMOCONIOSIS &
RADIOGRAPHIC CHANGES. SKIN: IRRITATION. ALLERGIC REACTION TO
INDIVIDUALS SENSITIVE TO NICKEL (NICKEL ITCH).

First Aid

First Aid:EYES: FLUSH W/WATER FOR 15 MIN. SKIN: WASH OFF IN FLOWING
WATER OR SHOWER. INGESTION: INDUCE VOMITING IF LARGE AMOUNTS ARE
INGESTED. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION
IN ALL CASES.

Fire Fighting

Unusual Fire/Explosion Hazard:POWDER FORMS OF NICKEL GRAPHITE DO NOT
PRESENT A FIRE/EXPLOSION HAZARD. CONTACT W/MINERAL ACIDS LIBERATES
HYDROGEN GAS WHICH MAY FORM EXPLOSIVE MIXTURES IN AIR.

Accidental Release

Spill Release Procedures:WEAR RESPIRATORY/PROTECTIVE EQUIPMENT. COLLECT
SPILLS BY 1. WET SWEEPING, 2. DRY SWEEPING USING SWEEPING COMPOUND,
3. BY VACUUMING USING VACUUM CLEANER EQUIPPED WITH A HEPA FILTER
(HIGH EFFICIENCY PARTICULATE AIR FILTER).

Handling

Handling and Storage Precautions:KEEP MATERIAL IN CLOSED CONTAINERS.
DON'T STORE NEAR MINERAL ACIDS. USE GOOD HOUSECLEANING PRACTICES TO
PREVENT ACCUMULATION OF DUST.
Other Precautions:DON'T BREATHE DUST. USE APPROVED DUST RESPIRATORS.
CLEAN WORK CLOTHING SHOULD BE PROVIDED DAILY.

Exposure Controls

Respiratory Protection:USE NIOSH-APPROVED (HIGH EFFICIENCY PARTICULATE
AIR FILTER) DUST RESPIRATORS WHEN EVER DUST LEVELS ARE ENCOUNTERED.
Ventilation:LOCAL EXHAUST
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES
Other Protective Equipment:SAFETY SHOWERS, EYEWASH STATIONS & FOOTWEAR.
COVERALLS
Work Hygienic Practices:WASH OR SHOWER AFTER HANDLING. NO FOOD/SMOKING
IN WORK AREAS. REMOVE/LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:2760
Spec Gravity:4.09
Appearance and Odor:FINE METALLIC POWDER, SOLID, GRAY COLOR, NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
MINERAL ACIDS & AIR
Hazardous Decomposition Products:HYDROGEN GAS

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS.

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