



Sincere Union Imp & Exp Co.,Ltd

Metals Kingdom Industry Limited

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Add: 1131, Hengtong Fortune Center, 709 Chaoyang North Street,
New Tech Development Zone, Baoding City, Hebei, P.R.China PC071000

Material Safety Data Sheet

NICKEL OXIDE

General

Synonyms: nickelous oxide, nickel oxide, nickel oxide green, black nickel oxide, C.I. 77777, mononickel oxide, nickel monoxide, nickel protoxide, nickel oxide sinter 75

Molecular formula: NiO CAS No: 1313-99-1 ; Ni₂O₃ CAS No: 1314-06-3

Manufacturer: Metals Kingdom Industry Limited

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Physical data

Physical State: Solid

Appearance: gray to green-black powder or crystals.

Odor: Odorless.

pH: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Evaporation Rate: Not applicable.

Viscosity: Not applicable.

Boiling Point: Not available.

Freezing/Melting Point: 3603_F

Decomposition Temperature: Not available.

Solubility: insoluble in water.

Specific Gravity/Density: 6.6-6.8

Molecular Formula: NiO

Molecular Weight: 74.6894

Stability

Stable. Incompatible with strong acids



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Toxicology

Many nickel compounds, including this one, are cancer suspect agents. Long-term exposure to the dust can cause lung damage, and may lead to an increased risk of lung or nasal cancer. Harmful by ingestion, inhalation and skin contact. May cause skin burns. Severe skin irritant. Eye irritant. Typical TLV 0.1 ppm.

Transport information

Non-hazardous for air, sea and road freight.

Personal protection

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin:

Wear appropriate gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Wear a NIOSH/MSHA-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow the OSHA respirator regulations found in 29CFR 1010.134. Always use a NIOSH-approved respirator when necessary

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