SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Name: Nickel Oxyhydroxide Nanopowder

Product Number: All applicable American Elements product codes, e.g. NI-OOH-02-NP

CAS #: 55070-72-9

Relevant identified uses of the substance: Scientific research and development

Supplier details:
American Elements
10884 Weyburn Ave.
Los Angeles, CA 90024
Tel: +1 310-208-0551
Fax: +1 310-208-0351

Emergency telephone number:
+1 800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Toxicity: No Data Available
Eye Contact: Dust may cause irritation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation: NiOOH
Hazardous Ingredients: Nil

SECTION 4. FIRST AID MEASURES

Skin: Wash skin with soap and copious amounts of water
Eyes: Immediate and prolonged irritation treat with copious amounts of water.
Ingestion: Wash out mouth with water provided person is conscious.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen
SECTION 5. FIREFIGHTING MEASURES

Extinguishing Data : Water Spray
Unsuitable Extinguishing Data : Carbon Dioxide, Dry Chemical Powder, Polymer Foam
Unusual Firefighting Hazards : Capable of creating a dust explosion
Special Firefighting Procedures : Use normal procedures which include wearing self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear respirator, chemical safety goggles, rubber boots and gloves.
Precautions to the Environment : Sweep up, place in a bag and hold for waste disposal.
Cleanup Procedures : Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7. HANDLING AND STORAGE

Handling Precautions : Chemical Safety Goggles. Compatible with Chemical-resistant Gloves
Storage : Store in a cool dry place.
Unusable Packaging Materials : Wash thoroughly after handling. Irritating dust, Keep tightly closed

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Respiratory : Self-contained breathing apparatus
Hand : Chemical-resistant Gloves
Eye : Avoid contact with eyes
Skin : Wash thoroughly after handling

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form : Powder
Colour : Black/Green Powder
Odour : No Odour
Safety Related Information
FlashPoint : N/A
Boiling Point : N/A
Melting Point : 230 °C
pH : N/A
SECTION 10. STABILITY AND REACTIVITY

Stability: Completely Stable
Reactivity: Non Reactive/ Non Soluble

SECTION 11. TOXICOLOGICAL INFORMATION

Possible Health Effects
Skin: No effect
Eyes: Irritation
Inhalation: No Choking Hazard

SECTION 12. ECOLOGICAL INFORMATION

Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
No Negative Ecological Impact, Data not Available

SECTION 13. DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator, equipped with an afterburner and scrubber

SECTION 14. TRANSPORT INFORMATION

HS Code: 75040000
CAS: 55070-72-9
Proper Shipping Name: Nickel Oxyhydroxide Nanopowder
Air Transport (ICAO & IATA): Speciality Chemical
Class: Non Hazardous
Packing group: Normal Packing

SECTION 15. REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Nickel Oxyhydroxide Nanopowder
Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada)
DSCL (EEC):
R36- Irritating to eyes
S2- Keep out of the reach of children
S46- If swallowed, seek medical advice immediately & show container or label
HMIS (U.S.A.):
Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Protection: E
National Fire Protection Association (U.S.A.):
Health: 1
Flammability: 0
Reactivity: 0
Specific hazard:
Protective Equipment:
Gloves.
Lab coat.
Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Splash goggles.

SECTION 16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2019 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.