

Inhalation: Breathing dust may cause irritation of nose, throat, and respiratory passages. Prolonged overexposure to any nuisance dust may cause lung injury. Symptoms include cough, shortness of breath, wheezing, sneezing, sore throat, non-specific chest illness, and reduced pulmonary function.

This product contains small amounts of nickel and chromium compounds. Hexavalent chromium has not been detected in this product (detection limit 0.1%). Overexposure to nickel and chromium compounds may cause respiratory and skin sensitization.

Cancer: The International Agency for Research on Cancer (IARC) has determined that nickel compounds are carcinogenic to humans (Group 1 - carcinogenic to humans). The National Toxicology Program (NTP) classifies nickel compounds as “known to be human carcinogen”. None of the other components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH, or OSHA.

Olivine is not listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Cancer Agent: No Federal OSHA: No IARC: No NTP: No

Section 7. First Aid Measures

Inhalation: If there is gross inhalation of dust causing coughing and shortness of breath, remove victim to fresh air. If breathing has stopped, perform artificial respiration. Seek medical attention.

Ingestion: If large amounts are swallowed, get medical attention.

Eye Contact: Flush eyes with large amounts of water. If irritation persists, get medical attention.

Skin Contact: No first aid should be needed since this material does not affect the skin. Wash exposed skin with soap and water as needed.

Section 8. Storage, Handling, and Use Protection Information

Normal Storage and Handling: Do not breathe dust. Use adequate ventilation and dust collection. Avoid breakage of bagged material and spills of bulk material. Use good housekeeping to prevent accumulation of dust in work area. Avoid creation of respirable dust.

WARN AND TRAIN YOUR EMPLOYEES (AND YOUR CUSTOMERS IN THE CASE OF RESALE) OF THE HAZARDS AND OSHA PRECAUTIONS TO BE USED.

Ventilation: Use sufficient local mechanical exhaust as required to maintain level of respirable dust below the Permissible Exposure Limit.

See ACGIH “Industrial Ventilation - A Manual for Recommended Practice” (latest edition).

Respiratory Protection: Use appropriate NIOSH approved respiratory protection for respirable nuisance dust.

See OSHA (29CFR 1910.134) and MSHA (30 CFR Parts 56 and 57) and NIOSH “Respirator Decision Logic”.

Eye Protection: Safety glasses with side shields or goggles recommended.

Protective Gloves: Not normally necessary.

Other Protective Equipment/Clothing: As appropriate for the work environment.

Cleanup and Spill Information: Collect using dustless methods (HEPA vacuum or flush with water) to minimize generation of airborne respirable dust and put into closable container. Do not dry sweep.

Waste Disposal Method: If uncontaminated, dispose as an inert, non-metallic mineral in accordance with federal, state, and local regulations. If contaminated, the user must assess the proper disposal for the material appropriate for the contamination.

Section 9. Other Regulatory Information

U.S. Department of Transportation: Olivine is NOT a hazardous material for purposes of transportation. US DOT Table of Hazardous Materials, 49CFR 172.101.

Resource Conservation and Recovery Act: Olivine is NOT classified as a hazardous material under RCRA or its regulations, 40 CFR 261.

Toxic Substances Control Act: Olivine is ON the EPA TSCA Inventory under CAS #1317-71-1.

Comprehensive Environmental Response Compensation and Liability Act: Olivine is NOT classified as a hazardous substance under CERCLA regulations, 40 CFR 302.

Superfund Amendments and Reauthorization Act (SARA) Emergency Planning and Community Right to Know Act: Olivine is NOT an extremely hazardous substance in Section 302. Section 311/312 reporting is Chronic Health. Olivine contains Nickel Compounds (0.1-0.3%) and Chromium Compounds (0.1-0.4%) subject to reporting requirements of Section 313.

California Proposition 65: This product contains nickel compounds which are known to the State of California to be a carcinogen.

Canadian Environmental Protection Act: Olivine, as a naturally occurring substance, is ON the Canadian Domestic Substances List (DSL).

Canadian WHMIS Classification: Class D, Division 2, Subdivision A (Carcinogen/Respiratory Sensitizer). Class D, Subdivision B (Irritant/Skin Sensitizer).

European Inventory of Commercial Chemical Substances: Listed on the EINECS Inventory or exempt from notification requirements.

European Economic Community Labeling Classification: N/A

European Economic Community Label Risk and Safety Phrases: None

Japan MITI: Olivine is an existing chemical substance as defined in the Chemical Substance Control Law.

National Fire Protection Association (NFPA) Hazard Rating:

Health: 1 Fire: 0 Reactivity: 0

Hazardous Material Information System (HMIS) Hazard Rating:

Health: 1 Flammability: 0 Reactivity: 0

Note: The information contained in this Material Safety Data Sheet is taken from sources believed to be accurate and correct. AGSCO Corporation makes no expressed or implied warranty with respect to the accuracy of the information or the suitability of the recommendations. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by purchase, resale, use, or exposure to our product. Customers/users of the product must comply with all federal, state, and local laws and regulations.

NAIF= No applicable information found

N/A= Not applicable
