

1. PRODUCT IDENTIFICATION

MSDS Number: 1200000
Identity: Oil-Dri® Sweeping Compound
Issued: January 19, 2009
Chemical Name Wood dust/sand mixture

2. COMPOSITION

Component	CAS Number	Amount
Wood Dust	Mixture	5-20%
Crystalline Silica, Quartz	14808-60-7	50-70%
Crystalline Silica, Cristobalite	14464-46-1	<0.4%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a wood dust-sand mixture which will burn under fire conditions. This product contains naturally occurring crystalline silica as quartz. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. Risk of cancer depends on duration and level of exposure. The physical form of this product is such that no exposure to respirable crystalline silica and wood dust is likely under normal conditions of use, therefore the risk of adverse health effects is minimal.

HEALTH HAZARDS

INGESTION: May cause irritation to the mouth, throat and gastrointestinal tract. May be harmful if swallowed.

INHALATION: Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract.

EYE: Contact may cause mechanical irritation and possible injury.

SKIN: May cause mild skin irritation. Prolonged skin contact may cause dermatitis.

SENSITIZATION: This product is not expected to cause skin or respiratory sensitization.

CHRONIC/CARCINOGENICITY:

Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function. The International Agency for Research on Cancer (IARC), in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz or cristobalite, from occupational sources is carcinogenic to humans (Group 1). However, in making the overall evaluation, the Working Group noted that carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs.

The National Toxicology Program (NTP) classifies crystalline silica as a "known human carcinogen." Wood dust has been classified by the International Agency for Research on Cancer (IARC) as "carcinogenic to humans" (Group 1) and "known to be a human carcinogen" by the National Toxicology Program (NTP). This classification is based primarily on increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. The physical form of this product is such that no exposure to respirable crystalline silica and wood dust is likely under normal conditions of use, therefore the risk of adverse health effects is minimal.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Contact with this product may aggravate pre-existing skin disorders.

4. FIRST AID MEASURES

- EYE:** Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get immediate medical attention.
- SKIN:** Wash thoroughly with soap and water.
- INGESTION:** If large amounts are swallowed, get medical attention. If conscious, give one glass of water. Never give anything by mouth to an unconscious person.
- INHALATION:** Remove to fresh air.

5. FIREFIGHTING MEASURES

- FLASH POINT:** Non flammable (sawdust component may char/burn)
- FLAMMABLE LIMITS** Not applicable
- EXTINGUISHING MEDIA:** Use carbon dioxide, foam or dry chemical to extinguish fire.
- UNUSUAL FIRE OR EXPLOSION HAZARDS:** This product is not flammable but will burn under fire conditions.
- SPECIAL FIREFIGHTING INSTRUCTIONS** Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.
- HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition may produce carbon monoxide, carbon dioxide and smoke.

6. ACCIDENTAL RELEASE MEASURES

Sweep up and collect for re-use or disposal

7. HANDLING AND STORAGE

- HANDLING:** Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after use. If clothing becomes dusty, launder before re-use.
- STORAGE:** Store in a dry area. Keep away from ignition sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Component	Exposure Limit
Wood Dust	PEL - 5 mg/m ³ TWA (respirable dust) PEL - 15 mg/m ³ TWA (total dust) TLV - 1 mg/m ³ TWA (inhalable dust)
Crystalline Silica, Quartz	PEL - 10 mg/m ³ /%SiO ₂ +2 TWA TLV - 0.025 mg/m ³ TWA
Crystalline Silica, Cristobalite	TLV - 0.025 TWA ACGIH (respirable fraction) PEL - 1/2 x 10 mg/m ³ /%SiO ₂ +2 TWA

PEL- OSHA Permissible Exposure Limit. TLV- American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value. TWA- 8 hour Weighted Average. STEL-Short Term Exposure Limit.

ENGINEERING CONTROLS:

For operations where the exposure limit may be exceeded, a NIOSH approved high efficient particulate respirator is recommended.

RESPIRATORY PROTECTION:

None required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used.

SKIN PROTECTION: None required for normal use.

EYE PROTECTION: Safety glasses or goggles recommended.

OTHER: None required for normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Granular green appearance/mild odor

PHYSICAL STATE: Solid

BOILING POINT: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: > 1

SOLUBILITY IN WATER:

10%

SPECIFIC GRAVITY: 1.24

pH: Not applicable

MELTING POINT: Not applicable

OCTANOL/WATER COEFFICIENT:

Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Avoid strong oxidizing agents, alkalis, hydrofluoric acid and fluorine compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may produce carbon monoxide, carbon dioxide and smoke.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME:

Not regulated

UN NUMBER: Not applicable

HAZARD CLASS/PACKING GROUP:

Not applicable

LABELS REQUIRED: None

15. REGULATORY INFORMATION

CERCLA/SUPERFUND: None

SARA HAZARD CATEGORY (311/312):

Chronic Health

SARA 313: No data available.

TSCA: All of the components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements.

EINECS: No data available.

EEC R&S Phrases: Xn Harmful, R48/20 Harmful: Danger of serious damage to health by prolonged exposure by inhalation; S22 Do not breath dust; S38 In case of insufficient ventilation, wear suitable respiratory equipment.

JAPAN MITI: No data available.

AICS: No data available.

CANADIAN DSL: No data available.

CA PROPOSITION 65: This product contains respirable crystalline silica which is known to the State of California to cause cancer.

16. OTHER INFORMATION

NFPA RATING: Health=1 Fire=1 Reactivity=0

HMIS RATING: Health=1* Fire=1 Reactivity=0

The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. OIL-DRI CORPORATION OF AMERICA MAKES NO WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO THE PRODUCT and assumes no responsibility for any risk or liability arising from the use of the information or the product. Statements about the product should not be construed as recommendations to use the product in infringement of any patent.

APPENDIX. ASSOCIATED PRODUCTS

This MSDS applies to the following products. Products are listed alphabetically across then down.

O-D Sweeping Compound