

Material Safety Data Sheet

1. Product and Company Identification:

Trade Name: OREGON WELL SAND

Product Name and description: Sand (Whole grain), Gravel Pack, 6x 12 Mesh, Filter sand

Manufacturer: TEAGUE MINERAL PRODUCTS
1925 Hwy 201 S., Adrian, OR 97901 USA
541-339-3940 phone 541-339-4385 fax
info@teaguemineralproducts.com

Product Use: Gravel Pack sand used in irrigation and drinking water wells for sand filtration.
Use in irrigation water filtering systems and filter beds. Filter sand.

2. Composition/ Information on Ingredients:

Chemical Name: Silica - SiO₂, 80.8% by weight, CAS# 308075-07-2
(Quartz – 54.8% by weight- CAS # 68476-25-5)
(Feldspar- 26% by weight - CAS # 68476-25-5)

Feldspar is part of the structure of this sand. There may be crystalline silica quartz in the structure of feldspars. For the purpose of this MSDS the feldspars listed here are to be treated the same as for crystalline silica (quartz) the major content of the sand.

3. Hazards Identification:

WARNING: Do not use this material for Sand Blasting!
Breathing crystalline silica quartz is classified as hazardous under OSHA regulations.

Potential Health Effects:

EYE: Contact can cause moderate to severe irritation of eyes and there may be discomfort, pain and local redness and swelling of the conjunctiva.

SKIN: Contact can cause dryness or moderate irritation of skin.

INHALATION: If inhaled as dust, this product can cause irritation of the respiratory system resulting in coughing and/or sneezing. Higher exposures may cause a build-up of fluid in the lungs with severe shortness of breath. Inhalation of Silica can also cause a chronic irreversible lung disorder, silicosis. Some medical reports state inhalation of silica dust may cause lung cancer.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

The condition of individuals with lung disease (bronchitis, emphysema, chronic obstructive pulmonary disease) can be aggravated by exposure.

4. First Aid Measures:

EYE: Quickly and gently blot or brush away sand. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes or until the sand is removed, while holding the eyelid(s) open. Beyond flushing, do not attempt to remove material from eye(s). Do not rub eyes. Seek medical attention immediately.

SKIN: Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Have victim rinse mouth thoroughly with water. If irritation or discomfort occurs, obtain medical advice immediately. Never give anything by mouth if a person is losing consciousness or is convulsing.

INHALATION: Remove source of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration.

5. Fire and Explosion Data:

Flash point: None Flammable limits: None

FIRE AND EXPLOSIVE HAZARDS: None

Not a fire or explosion hazard; May be used to extinguish Class A and B Fires.

6. Accidental Release Measures:

SPILL/LEAKAGE: Oregon Well Sand is not sold in a powdered form and contains less than 1% fine dust particles. Wet the sand to sweep up spills.

An OSHA approved dust mask is always required when sweeping up small dry spills. If dusty, use protective goggles. An eye wash station should be readily available.

7. Handling and Storage:

Long sleeve shirt and pants should be worn in addition to face protection. Gloves should be worn.

8. Exposure Controls/Personal Protection:

Wear OSHA approved dust masks and goggles. If windy, do not stand down wind while handling material. Wear long sleeves and long pants. Wear gloves.

9. Physical and Chemical Properties:

Appearance: Dark grey, grey and tan sand, granular

Odor: Odorless

Solubility in water: Insoluble

Specific Gravity: 2.507

pH: N/A

10. Stability and Reactivity Data:

INCOMPATIBLE MATERIALS:

Silica will dissolve in Hydrofluoric acid and produce a corrosive gas. Contact with powerful oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, oxygen difluoride, may cause fires or explosions.

STABILITY: Chemically stable

11. Toxicological Information:

INGESTION: None Known

12. Ecological Information:

Crystalline silica (quartz) is not known to be eco toxic to birds, fish, invertebrates, microorganisms or plants.

13. Disposal Considerations:

Oregon Well Sand can be disposed of in approved soil areas or landfills.

14. Transport Information:

No special treatment is required for handling the bulk bags. Bags are on Pallets and tarped for transporting by flatbed truck or hauled in a covered van.

15. Other Regulatory Information:

California Prop 65: This product contains ingredients that the State of California has found to cause cancer, birth defects or other reproductive harm which would require a warning under the statute: Quartz TSCA 8(b) inventory.

OSHA: HAZARDOUS Communication Standard (29 CFR 1910:1200)

DSCL(EEC) S-2 Keep out of reach of children, R45, S52

Protective equipment: Gloves, OSHA Approved Dust Respirator, Safety Glasses
Lab coat or Long sleeves and Long Pants.

16. Other Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Teague Mineral Products be liable for any claims, losses, or damages of any third party or for loss of profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Teague Mineral Products has been advised of the possibility of such damages.

