



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Jacks Gritty Mix.

Relevant identification uses of the substance and uses advised against:

Identified uses: Potting soil.

Uses advised against: No other uses are advised.

Details of the Supplier of the Safety Data Sheet:

Bonsai Jack LLC
17940 Balfour Terrace
Ft Myers, FL 33913
+1-786-262-3135

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard classes/Hazard categories:

Not classified as hazardous.

Label elements:

Hazard pictogram: No pictogram.

Signal word: No signal word.

Hazard statements: Not applicable.

Precautionary statements: Not applicable.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients: There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.



Section 4: First-Aid Measures

Description of first aid measures:

Inhalation: Move to fresh air.

Skin contact: Wash off with soap and water.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing. Consult a physician.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed:

This product contains crystalline silica. Inhalation of respirable crystalline silica may cause lung disease, silicosis with symptoms of shortness of breath and cough.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Use media that is appropriate for surrounding fire.

Unsuitable extinguishing media: Water jet.

Special exposure hazards: None known.

Protection for fire-fighters: Wear Self-Contained Breathing Apparatus and full protective suit.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Avoid breathing dust. Wear personal protective equipment.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods for containment and cleaning up:

Sweep up or dry vacuum unused material for re-use or disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Use only with adequate ventilation. Minimize the generation and accumulation of dust. Avoid breathing dust. Avoid contact with eyes and skin. Wash hands thoroughly with soap and water after use. If clothing becomes dusty, launder before re-use.

Conditions for safe storage, including incompatibilities:

Store in a cool, dry place. Store away from incompatible materials.

Specific end uses: Refer to Section 1.



Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

Silica, crystalline (as respirable dust), CAS No. 14808-60-7

NIOSH REL Ca TWA 0.05 mg/m³

OSHA PEL TWA 50 µg/m³

Exposure controls:

Appropriate engineering controls: General ventilation is adequate for regular use. If handling produces dust, local exhaust ventilation may be needed.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Use with adequate ventilation.

Hand protection: No hand protection required.

Eye protection: No eye protection required.

Body protection: Protective clothing as appropriate.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Solid.

Color: Brown.

Odor: Earthy.

pH: No data available.

Melting point/range (°C): No data available.

Boiling point/range (°C): No data available.

Flash point (°C): No data available.

Evaporation rate: No data available.

Flammability: No data available.

Upper/lower flammability limits: No data available.

Vapor pressure (20 °C): No data available.

Vapor density: No data available.

Relative density (25 °C): ~ 1.9

Water solubility (g/L) at 20 °C: Insoluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: No data available.

Viscosity, dynamic (mPa.s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable under recommended conditions of use and storage.

Conditions to avoid: None known.

Incompatible materials: Turpentine, hydrofluoric acid, vegetable oils, and unsaturated organic compounds.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No adverse effects on the environment are expected.

Persistence and degradability: Bentonite and silica are non-degradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Section 13: Disposal Considerations

Product: Dispose of used material in accordance with all applicable local and national regulations. Unused material is suitable for disposal in a sanitary landfill.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information

UN number: -

UN proper shipping name: Not regulated as dangerous goods.

Transport hazard class: -

Packing group: -

Environmental hazards: -

Special precautions for user: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.



SARA Title III Section 311/312 Hazard Categorization: Not applicable.

SARA Title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text): None.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Disclaimer: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.