

SAFETY DATA SHEET

Section 1: Identification

Product: Oak Adjuncts (Alternates)

Other Means of Identification: Pack Number / Lot Number

Chemical Name/Synonyms: Quercus sp.

Company: Oak Wise, Inc.

121 Development Lane, Winchester, VA 22602 USA

In emergency call 911.

East Coast (540) 869-5661 - West Coast (209) 224-5353

For information about this SDS, please contact Oak Wise directly (540) 869-5661

Section 2: Hazard(s) Identification

Hazard Classification:

Comb. Dust H232

Carc. 1A H350

Signal Word(s): Danger

Hazard Statements:

H232 – May form combustible dust concentrations in the air

H350 – May cause cancer

Hazard Pictograms (GHS-US)



Precautionary Statements:

P201 – Obtain special instructions before use

P202 – Do not handle until all safety precautions have been read and understood

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 – If exposed or concerned; Get medical advice/attention

P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Description of other hazards: No additional information available.

Section 3: Composition/ Information on Ingredients

Substance: Not Applicable

Name	Product Identifier	%	Classification (GHS-US)
Wood dust, all soft and hardwoods	(CAS No) None	0-100	Carc. 1a, H350

Section 4: First-Aid Measures

Description of First Aid Measures:

After skin contact: Wash skin with plenty of soap and water. Get medical attention if irritation develops.

After eye contact: Immediately flush eyes with copious amounts of water. If irritation develops, SEEK MEDICAL ATTENTION

After inhalation: Move to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. SEEK MEDICAL ATTENTION

After swallowing: If swallowed, DO NOT INDUCE VOMITTING. Give large quantities of water. Never give anything by mouth to an unconscious person. SEEK MEDICAL ATTENTION

Important Symptoms and Effects, both acute and delayed:

Symptoms/injuries after skin contact: None under normal use. In sensitive individuals, may cause skin irritation. Symptoms may include itching.

Symptoms/injuries after eye contact: Contact may cause mild eye irritation with redness, tearing, and other vision effects. Sensitive individuals may develop contact dermatitis.

Symptoms/injuries after inhalation: None under normal use. Inhalation of high concentration of dusts may produce nasal dryness, irritation and obstruction. Coughing, wheezing, sneezing, sinusitis and prolonged colds may also develop. Excess inhalation of dust may cause asphyxiation.

Symptoms/injuries after swallowing: Not likely a route of exposure under anticipated use conditions. If swallowed, may cause irritation of the gastrointestinal tract and discomfort with symptoms of nausea.

Indication of any immediate medical attention and special treatment needed:

No additional information available

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Water, Water fog, Carbon Dioxide, or Dry Chemical.

Unsuitable extinguishing media: None.

Fire Hazard: May form combustible dust concentrations in air.

Explosion Hazard: Once ignited, product may continue until doused with water. Wood dust is a strong to severe explosion hazard if a dust "cloud" contacts an ignition source. The explosive LEL for this material is 40 grams/m³

Special protective equipment for firefighters: Firefighters should wear full protective gear.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No additional information available

For emergency responders

No additional information available

Measures for environmental protection:

Avoid release to the environment

Methods and material for containment and cleaning up

For containment

No special measures required

Methods for cleaning up

Pick up using a broom or vacuum and place in a suitable container for reclamation or disposal.

Discard any product, residue, disposable container or liner in full compliance with federal, state and local regulations.

Section 7: Handling and Storage

Handling: Do not eat or drink while handling, do not take internally. Avoid contact with eyes and skin and avoid prolonged breathing of dusts.

Storage: No special storage procedures required.

Section 8: Exposure Controls/Personal Protection

Wood dust, all soft and hard woods

ACGIH: Not applicable.

OSHA: Not applicable.

General protective and hygienic measures: General ventilation and local exhaust must be adequate to meet exposure standards.

Breathing equipment: If airborne concentrations are above the applicable exposure limits, use of NIOSH approved respiratory protection is advised.

Protection of hands: Not required under anticipated use conditions. Sensitive individuals may require suitable gloves.

Skin and Body Protection: Wear suitable working clothes when handling or fabricating.

Eye protection: Goggles are recommended during fabrication or in those cases where use results in dust generation.

Section 9: Physical and Chemical Properties

Physical State: Solid

Odor: Woody aroma

Odor threshold: No data available

pH: No data available

Relative evaporation rate (butyl acetate =1): No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash point: > 250°C (> 482°F)

Auto ignition temperature: > 200°C (> 400°F)

Flammability (solid/gas): No data available

Vapor pressure: < 1 mm Hg @ 20°C (68°F)

Relative vapor density at 20°C: No data available

Relative density: No data available

Specific gravity: 0.1 – 0.25 @ 25°C (77°F)

Solubility: Water; < 1%

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Explosive limits: 40,000 mg of dust per cubic meter LEL.

No additional information available.

Section 10: Stability and Reactivity

Reactivity: No additional information available.

Chemical stability: Product is stable at normal handling and storage conditions

Conditions to avoid: Exposure to open flame or excessive heat. Sustained burning may produce low levels of carbon monoxide, carbon dioxide, and other toxic materials. Avoid dust formation

Possibility of hazardous reactions: Will not occur.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Oxides of carbon, low molecular weight hydrocarbons and organic acids.

Section 11: Toxicological Information

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: May cause cancer. Wood dust, depending on species, may cause dermatitis on prolonged, repetitive contact; may cause respiratory sensitization and/or irritation. The International Agency for Research on Cancer (IARC) classifies wood dust as a carcinogen to humans (Group 1, as of April 1995). This classification is based primarily on IARC's evaluation of the nasal cavities and paranasal sinuses associated with exposure to wood dust. IARC did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hemopoietic systems, stomach, colon or rectum with exposure to wood dust. The American Conference of Governmental Industrial Hygienists (ACGIH) classifies hardwood dust as a confirmed human carcinogen (Class A1, as of May 1996).

Wood dust, all soft and hard woods

IARC group: Group 1 - Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing an association between occupational exposure to wood dust and adenocarcinoma to the nasal cavities and paranasal sinuses. IARC did not find sufficient evidence of an association between occupational exposure to wood dust and cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum.

National Toxicology Program (NTP) Status: Known Human Carcinogens

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: No additional information available

Persistence and degradability: No additional information available

Bioaccumulative potential: No additional information available

Mobility in soil: No additional information available

Effect of ozone layer: No additional information available

Effect on global warming: No known ecological damage caused by this product

Section 13: Disposal Considerations (non-mandatory)

Waste disposal recommendations: Dispose of contents/containers in accordance with local/region/national/international regulations.

Section 14: Transport Information (non-mandatory)

In accordance with DOT

Not a dangerous good as defined in transport regulations.

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations: No additional information available

US State Regulations:

US California – Proposition 65 – Carcinogens List - **Yes**

US California – Proposition 65 – Developmental Toxicity - **No**

US California – Proposition 65 – Reproductive Toxicity - Female - **No**

US California – Proposition 65 – Reproductive Toxicity - Male - **No**

No significance risk level (NSRL)

US Minnesota – Hazardous Substance List

US New Jersey – Right to Know Hazardous Substance List

Section 16: Other Information

Full text of H-Phrases:

Carc. 1A: Carcinogenicity Category 1A

Comb. Dust: Combustible Dust

H232: May form combustible dust concentrations in air

H350: May cause cancer

SDS date of preparation/update: June 30th, 2023

For more detailed product information and specification sheets please visit

www.oak-wise.com