



MATERIAL SAFETY DATA SHEET

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SAWDUST

SECTION I: IDENTIFICATION OF PRODUCT

Proper Shipping Name: Sawdust
Product Name: SAWDUST
Chemical Family: Wood by-product
WHMIS Classification: Not controlled
Workplace Hazard: Not applicable

Product Use: Lost circulation control
TDG Classification: Not regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Species/Route)	LC ₅₀ (Species/Route)
Contains no WHMIS controlled ingredients				

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: Mechanical irritant to the eyes. Skin abrasion may occur with prolonged contact. Possible irritation of nasal passages, throat and bronchial passages. People with existing respiratory problems should avoid wood dust.

Effects of chronic exposure: Not applicable

Exposure limits: Not applicable

Irritancy of product: Not applicable

Sensitization to product: Not applicable

Carcinogenicity: Not applicable

Reproductive toxicity: Not applicable

Tetratogenicity: Not applicable

Mutagenicity: Not applicable

Name of toxicological synergistic products: Not applicable



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SECTION IV: FIRST AID MEASURES

Skin contact: Wash with soap and water. If irritation develops, obtain medical attention.

Eye contact: Flush eye to remove debris. If irritation persists, obtain medical attention

Inhalation: Move patient from dusty environment. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.

Ingestion: If a large amount is ingested, consult a physician.

SECTION V: PHYSICAL DATA

Physical state: Solid

Appearance and odour: Yellow granular flake; woody odour

Odour threshold: Not applicable

Specific gravity (°C): Variable

Vapor pressure (mmHG): Not applicable

Vapor density (Air=1): Not applicable

Evaporation rate: Not applicable

Boiling point (°C): Not applicable

Freeze point : Not applicable

pH (%):Not applicable

Co-efficient of water/oil distribution: Insoluble in water



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SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Material will burn under fire conditions.

Means of extinguishing: Dry chemical, carbon dioxide, water spray or foam. Suggest water spray for large fires.

Flash point: Not applicable

Upper flammable limit: Variable

Lower flammable limit: 40 mg/m³

Auto-ignition temperature: 400-500°F

Hazardous combustion products: Thermal decomposition will result in the following: Water, carbon dioxide, formic acid, acetic acid, carbon monoxide, methane, wood coal and aldehydes.

Explosion data-sensitivity to mechanical impact: Not applicable

Explosion data-sensitivity to static discharge: Not applicable

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable.

Product incompatible with: Incompatible with oxidizers. Avoid open flames and high temperatures

Conditions of reactivity: Contact with strong oxidizers. May undergo auto ignition at high temperatures.

Hazardous decomposition products: Thermal decomposition will result in the following: Water, carbon dioxide, formic acid, acetic acid, carbon monoxide, methane, wood coal and aldehydes.



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: Suggest NIOSH approved dust mask. OEL = 5 mg/m³ for non-allergenic wood dust. Suggest PVC or rubber gloves, goggles and long sleeve shirt and coveralls.

Specific engineering controls: General mechanical sufficient for normal conditions of use.

Procedures for leak/spills: Wear suitable protective equipment. Eliminate ignition sources. Sweep up and collect uncontaminated material for repackaging. Sweep up and collect contaminated material in approved containers for disposal.

Waste disposal: Dispose/incinerate in accordance with all federal, provincial and local regulations. It is the responsibility of the user to determine if material meets the criteria of hazardous waste at the time of disposal

Handling procedures and equipment: Eye and respiratory protection suggested when handling this material.

Storage requirements: Store in a cool dry area away from incompatibles and open flames.

Special shipping information: Not applicable

SECTION IX: PREPARATION

Date updated: May 30, 2011

Prepared by: Product Safety Committee

All the recommendations and suggestions herein concerning this product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and sustainability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Q'Max Solutions Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Q'Max Solutions Inc. assume any liability arising out of use by others. Nor is the information herein to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.