

# SAWDUST

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	SAWDUST
<b>Product Identifier</b>	Wood by-product
<b>Product Family</b>	Lost Circulation Material
<b>Supplier</b>	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com
<b>Emergency Contact Information</b>	ChemTrec, (800) 424-9300, 24/7
<b>Use</b>	Drilling Fluid Additive

## 2. HAZARDS IDENTIFICATION

**Emergency Overview** Beige - yellow fibres. Pine odour. Seek medical attention if symptoms develop or persist.

### Potential Health Effects

<b>Inhalation</b>	Possible irritation of the nasal passages, throat and bronchial passages.
<b>Skin Contact</b>	No effects expected. Abrasion may occur with prolonged contact.
<b>Eye Contact</b>	May cause mechanical irritation.
<b>Ingestion</b>	No toxic effects expected.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

## 4. FIRST AID MEASURES

### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen. Get medical attention if breathing difficulties continue.
<b>Skin Contact</b>	Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If irritation or pain persists, see a doctor.
<b>Ingestion</b>	Not an expected issue.
<b>First Aid Comments</b>	Seek medical attention if symptoms develop or persist.

## 5. FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	Can ignite if heated. Auto-ignition temperature = 204-260°C.
<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog. Suggest water spray for large fires.
<b>Specific Hazards Arising from the Chemical</b>	Material will burn under fire conditions.
<b>Protective Equipment</b>	Move containers from fire area or cool with water spray, if possible.

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**and Precautions for Firefighters** Firefighters must wear a full-body encapsulating chemical protective suit with positive-pressure self-contained breathing apparatus (SCBA).

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use the Personal Protective Equipment recommended in Section 8 of this MSDS.  
**Methods for Containment and Clean-up** Use appropriate safety equipment. Sweep up and collect uncontaminated material for repackaging. Sweep up and collect contaminated material for disposal. Avoid generating and spreading dust.

## 7. HANDLING AND STORAGE

**Handling** Wear appropriate protective equipment. Avoid generating dusts. Only use where there is adequate ventilation. Avoid ignition sources.  
**Storage** Store in a cool, dry, ventilated area away from ignition sources.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air. Ensure an eyewash station and emergency shower are available in immediate work area.

### Personal Protective Equipment (PPE)

**Eye/Face Protection** Wear chemical safety goggles. Provide eyewash and safety shower if contact or splash hazard exists.  
**Skin Protection** Wear chemical protective clothing e.g. gloves, aprons, boots.  
**Respiratory Protection** Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.  
**General Hygiene Considerations** It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid
<b>Appearance</b>	Beige - yellow fibres.
<b>Particle Size</b>	Not available
<b>Odour</b>	Pine
<b>Odour Threshold</b>	Not available
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Relative Density (water = 1)</b>	0.4 - 0.6
<b>Bulk Density</b>	Not available
<b>Solubility in Water</b>	Insoluble
<b>Solubility in Other Liquids</b>	Not available
<b>pH</b>	Not applicable
<b>Partition Coefficient, n-Octanol/Water</b>	Not applicable
<b>Viscosity-Kinematic</b>	Not applicable
<b>Surface Tension</b>	Not applicable

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<b>Vapour Pressure</b>	Not applicable
<b>Vapour Pressure at 50 deg C</b>	Not applicable
<b>Saturated Vapour Concentration</b>	Not applicable
<b>Critical Temperature</b>	Not available
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flash Point</b>	Not available
<b>Lower Flammable/Explosive Limit</b>	Not available
<b>Upper Flammable/Explosive Limit</b>	Not available
<b>Auto-ignition Temperature</b>	204 - 260 °C

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable. May undergo auto-ignition at high temperatures (204-260°C).
<b>Conditions to Avoid</b>	Open flames, sparks, static discharge, heat and other ignition sources. Contact with combustible materials.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition will result in the following: water, carbon dioxide, formic acid, acetic acid, carbon monoxide, methane, wood coal and aldehydes.
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

### General Comments

Contains no hazardous ingredients. No toxicological data is available for this product. No data on effects of acute or chronic exposure available.

No information was located for: Respiratory and/or Skin Sensitization, Carcinogenicity, Teratogenicity / Embryotoxicity, Reproductive Toxicity, Mutagenicity, Toxicologically Synergistic Materials

## 12. ECOLOGICAL INFORMATION

**General Comments** No ecotoxicity or environmental fate data available.

## 13. DISPOSAL CONSIDERATIONS

Recycle and reuse product, if possible. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## 14. TRANSPORT INFORMATION

### Shipping Information

Not regulated under Canadian TDG Regulations.

### Other Transport Information

**Special Shipping Information** Not applicable

## 15. REGULATORY INFORMATION

### Canada

#### WHMIS Classification

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

## 16. OTHER INFORMATION

**MSDS Prepared By** Bri-Chem Supply Ltd

**Date of Preparation** December 30, 2020

**Disclaimer** This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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