

### 1. Product and Company Identification

**Product Name:** Non-treated softwood (including wood chip)  
**Product Supplier:** Balcas Timber Ltd  
**Chemical Names:** Softwood  
**Intended Use:** Non-Treated softwood has multiple uses including construction, pallet manufacture etc

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### 2. Health Hazard Data

**Maximum Exposure Limit (MEL):** (Softwood Dust) 5.00 mg/m<sup>3</sup>  
**Potentially Hazardous Components:** None  
**Flash Point:** Not Applicable  
**Solubility in water:** Highly Insoluble

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### 3. Composition

**Components** Softwood Sawdust

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### 4. Emergency and First Aid Procedures

**Health Effects:** Handling wood may result in splinters  
**Swallowed:** Unlikely in normal circumstances. Swallowing wood dust may cause abdominal discomfort.  
**Eye Contact:** Wood dust is irritating to the eyes resulting in redness and watering  
**Skin Contact:** Skin contact with wood dust may result in skin irritation to some people. Wash with soap and water. Should a rash appear, seek medical advice.  
**Inhalation:** Inhalation of wood dust may be irritating to the nose, throat and lungs. Remove to fresh air, if breathing difficulties or severe coughing occur, seek medical advice.  
**Chronic Effects:** Repeated inhalation of or exposure to wood dust may lead to respiratory or skin sensitisation. If the work practices noted in this MSDS are followed and exposure to airborne dusts are kept low, no acute or chronic health effects are anticipated.  
**Workplace Exposure Limit** 5.00 mg/m<sup>3</sup> time weighted average

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## 5. Fire and Explosion Hazard Data

**Extinguishing Media** Water, Foam

**Unusual Fire Hazards:** None

<b>Explosion Severity:</b>	$P_{max}$ (bar g)	7.8
	$K_{st}$ Value (bar.m.s <sup>-1</sup> )	130
	ST Class	1
	Minimum Ignition Energy (MIE, mJ)	25 – 100
	Minimum (dust cloud) Ignition Temperature (MIT)	470°C

**Firefighting:** All forms of extinguishing media may be used

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## 6. Accidental Release / Spill Procedures

**Environmental Impact:** Product is natural and the environmental impact of a spill will be negligible, however all spills must by law be cleaned up.

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## 7. Handling and Storage Information

No special handling or storage required other than being careful when stacking.

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## 8. Exposure Controls / Personal Protection

**Exposure:** Under normal conditions exposure to brites should not present any risk

**Eye Protection** Not normally required but may be advisable under delivery conditions.

**Skin Protection:** No special equipment required; however, good personal hygiene practices should always be followed

**Respiratory Protection:** No special requirements under normal conditions of use.

**Maximum Exposure Limit (MEL):** 5.00 mg/m<sup>3</sup> softwood dust.

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## 9. Typical Properties for Health Evaluations

**Appearance** Blond appearance before treatment, varnish, painting etc. product sold with saw finish or planed.

**Odour:** Mild wood smell

**Density:** 1m<sup>3</sup> = 880kg on average fresh from forest. Much depends on moisture content

**Flash Point:**

**Solubility in water:** Decomposes

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**10. Stability and Reactivity Data.**

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Wet
<b>Incompatibility:</b>	Water – Decomposition of pellet will occur
<b>Ignition:</b>	Dry Product will burn easily (LIT) 340°C

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**11. Toxicological Data.**

<b>Maximum Exposure Limit:</b>	(Softwood Dust) 5.00 mg/m <sup>3</sup> Studies have shown no evidence of softwood dust being carcinogenic however as with all fine dusts it could potentially be hazardous and should be controlled.
<b>COSHH Regulations</b>	No action under COSHH considered necessary other than maintaining exposure below 5 mg/m <sup>3</sup>

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**12. Ecological Information**

<b>Mobility:</b>	Any dust generated during the filling of stores is highly mobile especially when airborne.
<b>Degradability:</b>	Biodegradable.
<b>Bio accumulative potential:</b>	Not determined.
<b>Aquatic toxicity:</b>	Toxicity to bacteria, algae and higher marine organisms not tested.

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**13. Disposal Considerations**

The product is not considered hazardous waste

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**14. Transport Information**

<b>UK Supply Classification:</b>	Non-classifiable
<b>UK Carriage Classification:</b>	Non-classifiable
<b>UK Conveyance Classification:</b>	Non-classifiable

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**16. Other Information**

NONE

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