

Material Safety Data Sheet (MSDS)

Sawn Softwood



1. Product and Company Identification

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

2. Health Hazard Data

Maximum Exposure Limit (MEL): (Softwood Dust) 5.00 mg/m³
Potentially Hazardous Components: None
Flash Point: Not Applicable
Solubility in water: Highly Insoluble

3. Composition

Components Softwood Sawdust

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/m³ time weighted average

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5. Fire and Explosion Hazard Data

Extinguishing Media Water, Foam

Unusual Fire Hazards: None

Explosion Severity:	P_{max} (bar g)	7.8
	K_{st} Value (bar.m.s ⁻¹)	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

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.

7. Handling and Storage Information

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

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/m³ softwood dust.

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: 1m³ = 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.

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

11. Toxicological Data.

Maximum Exposure Limit:: (Softwood Dust) 5.00 mg/m³
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.

COSHH Regulations No action under COSHH considered necessary other than maintaining exposure below 5 mg/m³

12. Ecological Information

Mobility: Any dust generated during the filling of stores is highly mobile especially when airborne.

Degradability: Biodegradable.

Bio accumulative potential: Not determined.

Aquatic toxicity: Toxicity to bacteria, algae and higher marine organisms not tested.

13. Disposal Considerations

The product is not considered hazardous waste

14. Transport Information

UK Supply Classification: Non-classifiable
UK Carriage Classification: Non-classifiable
UK Conveyance Classification: Non-classifiable

16. Other Information

NONE

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15. Regulatory Information

(a) **Label Information:** **UK Supply Classification -** Non-classifiable
UN Number - None

(b) **Other Regulations:**

This Material Safety Data has been compiled in accordance with 'The CLP (Classification, Labelling and Packaging for Supply) Regulations 2015.

Transport, storage, use and disposal of the material should be in accordance with the following additional legislation/publications, where applicable: COSHH Regulations 1994 SI 3246 and Amendments Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulations 1992 SI 2839 EH40 Occupational Exposure Limits.

Note: This list may not be exhaustive and users should satisfy themselves that they comply with all the relevant and latest issue national legislation.

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