

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Name : Acetylated wood products  
Trade name : Accoya® wood  
Product code : TWMSDS01

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Building materials - Structural, Industrial or Decorative

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet****Supplier**

Accsys Group  
Westervoortsedijk 73  
P.O. Box 2147  
6802 CC Arnhem - The Netherlands  
T +31 263201400  
[receptie@accsysplc.com](mailto:receptie@accsysplc.com)

**1.4. Emergency telephone number**

No additional information available

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

**2.3. Other hazards**

Other hazards not contributing to the classification : Dust may form explosive mixture in air.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

**3.2. Mixtures**

Comments : Chemical nature: Softwood, Wood and wood products

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : No hazards which require special first aid measures. Get medical attention immediately if symptoms occur. |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.  |
| First-aid measures after skin contact | : Wash skin with plenty of water and soap.  |
| First-aid measures after eye contact  | : Immediately rinse with water for a prolonged period while holding the eyelids wide open.                  |
| First-aid measures after ingestion    | : Rinse mouth out with water.   |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                                    |   |
|------------------------------------|---|
| Symptoms/effects after inhalation  | : Dust from this product may cause irritation to the respiratory tract. |
| Symptoms/effects after eye contact | : Dust from this product may cause eye irritation.                      |

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide (CO <sub>2</sub> ). |
| Unsuitable extinguishing media | : Do not use a water jet since it may cause the fire to spread.     |

#### 5.2. Special hazards arising from the substance or mixture

|  |  |
|--|--|
| Fire hazard                                      | : Combustible materials.   |
| Hazardous decomposition products in case of fire | : Under fire conditions, hazardous fumes will be present: Carbon dioxide, Carbon monoxide. |

#### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |                                |
|------------------|--------------------------------|
| General measures | : Ensure adequate ventilation. |
|------------------|--------------------------------|

##### 6.1.1. For non-emergency personnel

|                                  |  |
|----------------------------------|--|
| Measures in case of dust release | : No flames, no sparks. Eliminate all sources of ignition. All equipment used when handling the product must be grounded. Do not breathe dust. |
|----------------------------------|--|

##### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

#### 6.2. Environmental precautions

No special requirements.

#### 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Mechanically recover the product. Avoid dust formation.       |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

#### 6.4. Reference to other sections

See sections 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Handle in accordance with good industrial hygiene and safety practice. Ensure good ventilation of the work station. Avoid prolonged and repeated contact with skin. All equipment used when handling the product must be grounded. Drilling, sawing, sanding or machining wood products generates wood dust. Avoid dust formation. Fine dust dispersed in air may ignite. |
|-------------------------------|---|

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Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in accordance with local, regional, national or international regulation. Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Accoya® wood

#### EU - Occupational Exposure Limits

|                                |  |
|--------------------------------|--|
| Local name                     | Hardwood dusts   |
| IOELV TWA (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> (Inhalable fraction: if hardwood dusts are mixed with other wood dusts, the limit value shall apply to all wood dusts present in that mixture) |
| Notes                          | Limit value 3 mg/m <sup>3</sup> until 17 January 2023  |
| Regulatory reference           | DIRECTIVE (EU) 2019/130 (amending Directive 2004/37/EC)  |

#### United Kingdom - Occupational Exposure Limits

|                              |  |
|------------------------------|--|
| Local name                   | Softwood dust                                |
| WEL TWA (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup>                          |
| Remark (WEL)                 | Sen (Capable of causing occupational asthma) |
| Regulatory reference         | EH40/2005 (Third edition, 2018). HSE         |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves

#### Eye protection:

Tightly fitting safety goggles

#### Skin and body protection:

Long sleeved protective clothing

#### Respiratory protection:

Ensure there is adequate ventilation. No respiratory protection needed under normal use conditions. Drilling, sawing, sanding or machining wood products generates wood dust. In case of dust formation use respirator with filter: P3

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Not applicable.

#### Other information:

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust).

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state                             | : Solid  |
| Appearance                                 | : Softwood, Wood and wood products   |
| Colour                                     | : Various  |
| Odour                                      | : slight, vinegar odour  |
| Odour threshold                            | : No data available  |
| pH   | : No data available  |
| Relative evaporation rate (butylacetate=1) | : No data available  |
| Melting point                              | : No data available  |
| Freezing point                             | : Not applicable   |
| Boiling point                              | : No data available  |
| Flash point                                | : Not applicable   |
| Auto-ignition temperature                  | : No data available  |
| Decomposition temperature                  | : No data available  |
| Flammability (solid, gas)                  | : Non flammable.   |
| Vapour pressure                            | : No data available  |
| Relative vapour density at 20 °C           | : No data available  |
| Relative density                           | : No data available  |
| Solubility                                 | : Insoluble in: Water.   |
| Log Pow                                    | : No data available  |
| Viscosity, kinematic                       | : Not applicable.  |
| Viscosity, dynamic                         | : No data available  |
| Explosive properties                       | : Potential dust explosion hazard. Particles size : < 63µm. Ignition temperature: >440°C.<br>Layer thickness : 5mm. Ignition temperature: >350°C |
| Oxidising properties                       | : No data available  |
| Dust deflagration index                    | : 158 bar.m/s Particle size, <63µm   |
| Dust explosion category                    | : St 1 - Weak explosion  |

#### 9.2. Other information

Minimum ignition energy : > 200 mJ Particle size,<63µm

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Thermal decomposition can lead to the release of irritating gases and vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Not classified  |
| Serious eye damage/irritation     | : Dust from this product may cause eye irritation         |
| Respiratory or skin sensitisation | : May produce an allergic reaction                        |
| Germ cell mutagenicity            | : Not classified  |
| Carcinogenicity                   | : Softwood dust. Suspected of causing cancer              |
| Reproductive toxicity             | : Not classified  |
| STOT-single exposure              | : Dust from this product may cause respiratory irritation |
| STOT-repeated exposure            | : Not classified  |
| Aspiration hazard                 | : Not classified  |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

##### Accoya® wood

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                              |   |
|------------------------------|---|
| Regional legislation (waste) | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods      | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

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### 14.4. Packing group

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
|----------------|----------------|----------------|----------------|----------------|

### 14.5. Environmental hazards

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
|----------------|----------------|----------------|----------------|----------------|

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Other information, restriction and prohibition regulations : Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work. Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust). According to: Directive (EU) 2017/2398.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

Not required

## SECTION 16: Other information

#### Indication of changes:

Full Layout.

#### Abbreviations and acronyms:

|       |   |
|-------|---|
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| DNEL  | Derived-No Effect Level   |

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|      |   |
|------|---|
| PNEC | Predicted No-Effect Concentration   |
| PBT  | Persistent Bioaccumulative Toxic  |
| vPvB | Very Persistent and Very Bioaccumulative  |
| ADR  | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| RID  | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| ADN  | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| IMDG | International Maritime Dangerous Goods  |
| ICAO | International Civil Aviation Organization   |

Training advice : Ensure staff are informed of and trained on the nature of exposure and basic actions to minimise exposure.

Safety Data Sheet applicable for regions : GB - United Kingdom;IE - Ireland

SDS EU (REACH Annex II) - Accsys

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*