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Version 1
EN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Acetylated wood products

Trade name Accoya® wood
Product Code(s) TWMSDS01

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

Recommended Use Building materials - Structural, Industrial or Decorative.
Uses advised against No information available.

1.3 Details of the supplier of the safety data sheet

Accsys Group
P.O. Box 2147
Westervoortsedijk 73
6802 CC Arnhem
The Netherlands
Tel: + +31 26 320 1400
receptie@accsysplc.com

1.4 Emergency telephone number

UK National Health Service (NHS) call 111 or, in life-threatening emergencies, call 999

WAL National Health Service (NHS) call 0845 46 47

IE National Poisons Information Centre
+353 1 809 2566 or +353 1 837 9964 (only for healthcare professionals)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (1272/2008/EC)
Not classified.

2.2 Label elements

None.

2.3 Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature Wood and wood products.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Advice	No hazards which require special first aid measures.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a doctor.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water.
Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur.
Protection of first-aiders	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

4.2 Most important symptoms and effects, both acute and delayed

Main symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, Carbon dioxide (CO ₂), Dry chemical.
Unsuitable Extinguishing Media	None known.

5.2 Special hazards arising from the substance or mixture

Special Hazard Combustible material. Hazardous decomposition products formed under fire conditions.

5.3 Advice for firefighters

Special protective equipment for fire-fighters Wear self-contained breathing apparatus and protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Avoid dust formation.

6.4 Reference to other sections

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Drilling, sawing, sanding or machining wood products generates wood dust. Avoid dust formation: Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Hardwood: Wood dust has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in cool/well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

Exposure scenario Not available.

Other information Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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

Chemical name	European Union	The United Kingdom	France	Spain	Germany
Dust, hardwood	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 1 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³

Chemical name	Italy	Portugal	Netherlands	Denmark	Poland
Dust, hardwood			TWA: 2 mg/m ³		

Chemical name	Belgium	Sweden	Hungary	Finland	Czech Republic
Dust, hardwood	TWA: 3 mg/m ³	TWA: 2 mg/m ³			

Recommended monitoring procedures No information available.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2 Exposure controls

Appropriate Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye Protection	Tightly fitting safety goggles.
Hand Protection	Protective gloves (EN 374).
Skin and body protection	Long sleeved clothing.
Respiratory Protection	Use only with adequate ventilation. No protective equipment is needed under normal use conditions. Drilling, sawing, sanding or machining wood products generates wood dust. In case of dust formation, If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
Recommended Filter Type	P3 (Hardwood)

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state @20°C	Solid
Appearance	Wood and wood products, Multiple Colours
Colour	No information available
Odour	Slight Vinegar-like
pH	No information available
Melting/freezing point	No information available
Boiling point/boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	No information available
Vapour pressure	No information available
Vapour density	No information available
Relative density	No information available
Solubility	
Water solubility	Insoluble in water
Partition coefficient (n-octanol/water)	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidising properties	No information available

9.2 Other information

Minimum ignition energy	200 - 300 mJ for particle size < 63 µm
Minimum ignition temperature	440 °C (Dust)
Ignition Temperature - Layer	350 °C (5mm)
Dust explosion class	1 (Kst 158) for particle size < 63 µm

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous polymerisation does not occur.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Keep away from: Strong acids, Bases, Oxidizing agents.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours Carbon monoxide (CO), Carbon dioxide (CO₂), Aldehydes, Organic acids.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute Toxicity**

Ingestion	No known effect.
Skin Contact	No known effect.
Inhalation	No known effect.

Skin Corrosion/Irritation No known effect.

Serious eye damage/irritation Dust contact with the eyes can lead to mechanical irritation.

Respiratory or skin sensitisation May produce an allergic reaction.

Germ Cell Mutagenicity Not known to cause heritable genetic damage.

Carcinogenicity Hardwood: Wood dust has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).

Reproductive Toxicity Not known to cause birth defects or have a deleterious effect on a developing fetus. Not known to adversely affect reproductive functions and organs.

STOT-single exposure Inhalation of dust can cause irritation to the respiratory system.

STOT-repeated exposure No known effect.

Aspiration Hazard No known effect.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Contains no substances known to be hazardous for the environment.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

According to: ADR, RID, ADN, IMDG, IATA/ICAO.

14.1 UN number

Not regulated.

14.2 UN proper shipping name

Not regulated.

14.3 Transport hazard class(es)

Not regulated.

14.4 Packing group

Not regulated.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

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**

Restrictions on use None.

Other Regulations None.

15.2 Chemical safety assessment

Not required.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3 Not applicable.

Revision note Format updated in compliance with European REACH and CLP regulations.

Training Advice Workers must be trained in the proper use and handling of this product as required under applicable regulations.

Abbreviations and acronyms

EC: European Commission
REACH: Registration, Evaluation, Authorisation and Restriction of Chemical substances
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
STOT: Specific Target Organ Toxicity
PBT: Persistent, Bioaccumulative, Toxic
vPvB: very Persistent and very Bioaccumulating
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulations for the International Transport of Dangerous Goods by Rail)
ADN: Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
IMDG: International Maritime Dangerous Goods Code
ICAO: International Civil Aviation Organization

SDS No. AC00001

Disclaimer

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End of Safety Data Sheet