

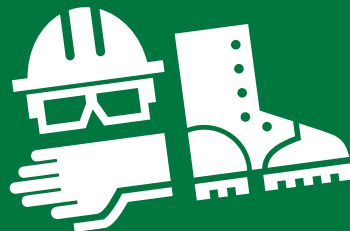
TIMBERSTORE

Protecting the Future of Timber

impra[®]
we care for wood

TREATED TIMBER

"impralit-ACQ2100" - High Pressure
Safety data sheet



Beaconsfield Branch 01494 671 921 | Crawley Branch 01342 717 155

www.timberstore.co.uk

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 06.03.2024

Version number 1

Revision: 06.03.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**

- **Trade name:** *Timber treated with 3% ACQ 2100 solution*

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

No further relevant information available.

- **Application of the substance / the mixture:** *Timber*

- **1.3 Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

RÜTGERS Organics GmbH

Oppauer Straße 43

D-68305 Mannheim

Tel.: **49-621-76540

US: 1-980-253-8880

Fax : **49-621-7654446

e-mail: SDB.rog@ruetgers-organics.de

Impra Wood Protection Ltd.

Park Road Industrial Estate

Barrow in Furness

Cumbria LA14 4EQ ·

UK ·

Tel +44 (0) 1229 877533

- **Informing department:** *see: Heading 16 (Contact)*

- **1.4 Emergency telephone number:** *see: Manufacturer/Supplier*

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008:** *Void*

- **Hazard pictograms:** *Void*

- **Signal word:** *Void*

- **Hazard statements:** *Void*

- **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

- **2.3 Other hazards**

General advice for untreated and treated timber:

Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following:

Wood dust, all soft and hard woods, Wood dusts-soft woods, Wood dusts-hard wood.

Emergency Overview

Wood dusts may cause irritation to the eyes, skin and respiratory tract.

Potential Health Effects: Inhalation

Wood dust is irritating to the nose, throat and lungs.

Prolonged exposure to wood dust by inhalation has been reported to be associated with nasal and paranasal cancer.

- **Results of PBT and vPvB assessment**

- **PBT:** *Not applicable.*

- **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** *Mixture consisting of the following components.*

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• Dangerous components:

CAS: 141-43-52-aminoethanol	<0.5%
EINECS: 205-483-3 Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 3, H412	
Index number: 603-030-00-8H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 3, H412	
Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	

* **• Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

• 4.1 Description of first aid measures**• General information**

Respiratory ailments and pre-existing skin conditions may be aggravated by exposure to wood dust.

• **After inhalation** Supply fresh air; consult doctor in case of symptoms.

• **After skin contact** Instantly wash with water and soap and rinse thoroughly.

• **After eye contact** Rinse opened eye for several minutes under running water.

• **After swallowing** In case of persistent symptoms consult doctor.

• 4.2 Most important symptoms and effects, both acute and delayed

* No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

• 5.1 Extinguishing media

• **Suitable extinguishing agents** Use fire fighting measures that suit the environment.

• 5.2 Special hazards arising from the substance or mixture

Combustion products may yield irritating and toxic fumes and gases including aldehydes, amines, ammonia, oxides of carbon and nitrogen.

• 5.3 Advice for firefighters**• Protective equipment:**

Firefighters should wear full protective clothing including self contained breathing apparatus.

SECTION 6: Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

• **6.2 Environmental precautions:** No special measures required.

• 6.3 Methods and material for containment and cleaning up:**Containment Procedures**

No containment procedures are needed, as this product cannot spill or leak the preservative. Keep away from sparks and flame.

Clean-Up Procedures

Wear appropriate personal protective equipment, avoid the generation of airborne dusts during clean up. Do not inhale dusts during cleanup.

Special Procedures

Follow all Local, State, Federal and Provincial regulations for disposal.

• 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

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SECTION 7: Handling and storage

• 7.1 Precautions for safe handling

Wear appropriate personal protective equipment. Wash hands after handling and before eating. Avoid contact of wood dusts with skin and eyes. Do not breathe wood dusts. Do not eat, drink or smoke when handling this material or in areas where dusts of this product are present.

• Information about protection against explosions and fires:

Do not generate airborne dusts in the presence of an ignition source when sawing, cutting or grinding wood.

• 7.2 Conditions for safe storage, including any incompatibilities

• Storage

• **Requirements to be met by storerooms and containers:** No special requirements.

• **Information about storage in one common storage facility:** Not required.

• **Further information about storage conditions:** None.

• **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

• 8.1 Control parameters

• **Components with limit values that require monitoring at the workplace:**

141-43-52-aminoethanol

WELShprt-term value: 7.6 mg/m³, 3 ppm

Long-term value: 2.5 mg/m³, 1 ppm

Sk

• **Additional information:** The lists that were valid during the compilation were used as basis.

• 8.2 Exposure controls

• **Appropriate engineering controls** No further data; see section 7.

• **Individual protection measures, such as personal protective equipment**

• **General protective and hygienic measures**

Wash hands during breaks and at the end of the work.

• **Breathing equipment:**

Not normally needed. Use a dust mask for particulate concentrations exceeding the Occupational Exposure Limit.

• **Hand protection**

The glove material has to be impermeable and resistant to the product.

No recommendation to the specific glove material can be given for the product. Please refer to glove manufacturer for suitability.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves** Please refer to the above paragraph.

• **Penetration time of glove material**

Please refer to the glove manufacturer and the information in the paragraphs above.

• **Eye/face protection**

Wear safety glasses with side shields when handling, cutting, sanding or grinding this material. Use a face shield during processes that may generate excessive dusts and splinters. Eye wash fountain is recommended.

• **Body protection:** Launder work clothes frequently.

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• **General Information**

• **Colour:** Brown

• **Odour:** Characteristic

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- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range:** Not determined
- **Flammability:** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** Not applicable
- **Decomposition temperature:** Not determined.
- **pH at 20 °C:** 6
- **Viscosity:**
- **Kinematic viscosity:** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** Fully miscible
- **Partition coefficient n-octanol/water (log value):** Not determined.
- **Vapour pressure:** Not determined.
- **Density and/or relative density**
- **Density at 20 °C:** 0.52 g/cm³
- **Relative density:** Not determined.
- **Vapour density:** Not determined.

• 9.2 Other information

- **Appearance:**
- **Form:** Solid.
- **Important information on protection of health and environment, and on safety.**
- **Self-flammability:** Product is not self-igniting.
- **Explosive properties:** Dust can form explosive mixtures with air.
- **Solvent content:**
- **Organic solvents:** 0.3 %
- **Water:** 0.7 %
- **Change in condition**
- **Evaporation rate:** Not applicable.

• Information with regard to physical hazard

classes

- **Explosives:** Not applicable.
- **Flammable gases:** Not applicable.
- **Aerosols:** Not applicable.
- **Oxidising gases:** Not applicable.
- **Gases under pressure:** Not applicable.
- **Flammable liquids:** Not applicable.
- **Flammable solids:** Not determined.
- **Self-reactive substances and mixtures:** Not applicable.
- **Pyrophoric liquids:** Not applicable.
- **Pyrophoric solids:** Not determined.
- **Self-heating substances and mixtures:** Not applicable.
- **Substances and mixtures, which emit flammable gases in contact with water:** Not applicable.
- **Oxidising liquids:** Not applicable.
- **Oxidising solids:** Not determined.
- **Organic peroxides:** Not applicable.
- **Corrosive to metals:** Not applicable.

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* • **Desensitised explosives**

Not applicable.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid**
Keep away from excessive heat, sparks and open flame. Keep away from incompatible materials.
- **10.5 Incompatible materials:** Strong acids, alkalis and oxidizing agents.
- **10.6 Hazardous decomposition products:**
10.6 Hazardous decomposition products:
Combustion products may yield irritating and toxic fumes and gases including aldehydes, amines, ammonia, oxides of carbon and nitrogen.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

• **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

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* *Danger to drinking water even if extremely small quantities leak into soil.*

SECTION 13: Disposal considerations

• **13.1 Waste treatment methods**

• **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

• **Uncleaned packagings:**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations

* • **Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

SECTION 14: Transport information

• **14.1 UN number or ID number**

• **ADR, IMDG, IATA** *Not applicable*

• **14.2 UN proper shipping name**

• **ADR, IMDG, IATA** *Not applicable*

• **14.3 Transport hazard class(es)**

• **ADR, ADN, IMDG, IATA**

• **Class** *Not applicable*

• **14.4 Packing group**

• **ADR, IMDG, IATA** *Not applicable*

• **14.5 Environmental hazards:** *Not applicable.*

• **14.6 Special precautions for user** *Not applicable.*

• **14.7 Maritime transport in bulk according to**

IMO instruments *Not applicable.*

• **UN "Model Regulation":** *Not applicable*

SECTION 15: Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Poisons Act**

• **Regulated explosives precursors**

None of the ingredients is listed.

• **Regulated poisons**

None of the ingredients is listed.

• **Reportable explosives precursors**

None of the ingredients is listed.

• **Reportable poisons**

None of the ingredients is listed.

• **Directive 2012/18/EU**

• **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

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- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is the responsibility of the user to assure himself that the information provided with this material safety data sheet is complete and applicable for his utilization of the product.

- **Relevant phrases**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

- **Department issuing data specification sheet:** Product safety department, Mannheim

- **Contact:**

RÜTGERS Organics

Product Safety

Tel. **49 / 621 7654 247

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- *** Data compared to the previous version altered.**