

# TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

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## 1.1 COMPANY IDENTIFICATION

Company's Name: Trulux Pty Ltd  
Email address: [info@trulux.com.au](mailto:info@trulux.com.au)  
Website: [www.trulux.com.au](http://www.trulux.com.au)  
Contact number: +61 (02) 9975 2655  
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

## 1.2 PRODUCT IDENTIFICATION

Trade name: ProRenew Complex CLR  
Reference number: RMTR-0429A  
Classification: Refer to clause 2

## 1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Raw Material  
Uses advised against: No further information available.

## 1.4 DETAILS OF THE SUPPLIER OF THE SUBSTANCE INFORMATION SHEET

Supplier's Company: Trulux Pty Ltd  
Website: [www.trulux.com.au](http://www.trulux.com.au)  
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

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**Trade name:** ProRenew Complex CLR

**TR Ref. Number:** RMTR-0429A

**Doc:** RMSDS - ProRenew Complex CLR

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## 1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

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## 2 HAZARD IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008 [CLP]

Classification of the substance or mixture: None.

Label elements: According to EC directives or the corresponding national regulations the product does not have to be labelled.

Other Hazards: None.

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## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

### Mixtures

Description: ProRenew Complex CLR is obtained from a lysate from the Gram positive bacterial species *Lactococcus lactis*. The biotechnologically obtained suspension is present in a moderate acidic, aqueous medium.

Hazard Ingredients: None.

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH:

None.

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH:

None.

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## 4 FIRST AID MEASURES

Inhalation:	Provide fresh air.
Ingestion:	Do NOT induce vomiting.
Skin contact:	Water and soap.
Eye contact:	After contact with the eyes, rinse with water with eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
Most important symptoms and effects, both acute and delayed (if relevant):	No further information available.
Indication of any immediate medical attention and special treatment needed:	None.

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## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water. Carbon dioxide (CO <sub>2</sub> ). Foam
Not suitable extinguishing media:	None.
Special hazards arising from the substance or mixture:	Hazardous combustion products: The product itself does not burn.
Advice for firefighters	Do not inhale explosion and combustion gases.
Additional information:	Do not allow run-off from fire-fighting to enter drains or water courses.

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## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	No special measures are necessary.
Environmental precautions:	Do not allow to enter into surface water or drains.
Methods and materials for containment and cleaning up:	Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

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## 7 HANDLING AND STORAGE

Precautions for safe handling:	None.
Conditions for safe storage, including any incompatibilities:	Storage class (TRGS 510) : 10 Protect against : UV-radiation/sunlight Frost Storage temperature : 15 - 25 °C (59 - 77 °F)
Specific and uses	None.

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## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters	No substance related limit value derivable.
Exposure Controls:	
<ul style="list-style-type: none"><li>General Industrial Hygiene Practices</li></ul>	When using do not eat, drink, smoke, sniff. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.
<ul style="list-style-type: none"><li>General Respiratory Protection</li></ul>	Usually no personal respiratory protection necessary.

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- General Hand Protection      Suitable gloves type : Disposable gloves.  
   Suitable material : PE (polyethylene) NR (natural rubber, natural latex) NBR (Nitrile rubber).  
   Thickness of the glove material : > 0.1 mm
  - General Eye Protection Measures      Eye glasses with side protection.
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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Liquid
Colour:	Slightly yellow
Odour:	Characteristic
Initial boiling point and boiling range:	approx. 100 °C
Vapour Pressure:	approx. 123 hPa ( 50 °C )
Flash Point:	> 100 °C
Density:	1.005 - 1.015 g/cm <sup>3</sup> ( 20 °C )
Viscosity:	approx. 10 mPa.s ( 20 °C )
pH:	3.5 - 4.5

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## 10 STABILITY AND REACTIVITY

No further information available.

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## 11 TOXICOLOGICAL INFORMATION

*ProRenew Complex CLR is based on ingredients, which have a long tradition in food industries as well as in cosmetic applications. It is considered to be non-toxic and safe in cosmetic products usage at the levels advised by us.*

### Irritant and corrosive effects

- Primary irritation to the skin: Parameter: Primary irritation to the skin  
Species: Human  
Result: Not irritant  
Method: Patch-Test (50% in Water)
- Irritation to eyes: Parameter: Irritation to eyes  
Species: Bovine eye/corneal  
Result: No objections to the use in the vicinity of the eye.  
Parameter: Irritation to eyes  
Species: hen's egg  
Result: Not irritant Method : HET-CAM

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

### Germ cell mutagenicity - In vitro mutagenicity:

Parameter: Ames-Test  
Species: Salmonella typhimurium  
Test result: not mutagen  
Parameter: Ames-Test  
Species: E. coli WP2 uvrA  
Test result: not mutagen

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## 12 ECOLOGICAL INFORMATION

### Toxicity

- Effects in sewage plants: Biodegradable.

Biodegradation: Biodegradable.

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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## 13 DISPOSAL CONSIDERATIONS

Waste treatment methods: No further information available.

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## 14 TRANSPORT INFORMATION

Not dangerous goods according to transport legislation. Transport according to local legislation.

Transport temperature: 10 – 25 °C / 50 – 77 °F, protect from frost.

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## 15 REGULATORY AND OTHER INFORMATION

Safety, health and environmental regulations specific for the mixture or substance:

- National regulations
  - Water hazard class (WGK): Class: nwg (Non-hazardous to water)  
Classification according to AwSV
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## 16 OTHER INFORMATION

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition or other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user.

This sheet completes the technical sheets but it does not replace them. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied is made and Trulux Pty Ltd assumes no legal responsibility or liability whatsoever resulting from its use. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product.

This listing must not be considered exhaustive. It does exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regard to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use.

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