

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

1.1 COMPANY IDENTIFICATION

Company's Name: Trulux Pty Ltd
Email address: info@trulux.com.au
Website: 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: Plantapon ACG 50
Reference number: RMTR-1001A
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
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

TR Ref. Number: RMTR-1001A

Rev.: 02

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Classification of the substance and mixture:

Serious eye damage/eye irritation: Cat. 2A

Hazardous to the aquatic environment - acute: Cat. 3

Label elements and precautionary statement:

Pictogram:



Signal Word:

Warning

Hazard Statement:

H319 Causes serious eye irritation.

H402 Harmful to aquatic life.

Precautionary Statements (Prevention):

P280 Wear eye and/or face protection.

P273 Avoid release to the environment.

P264 Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

Precautionary Statements (Disposal): P501 Dispose of contents and container to hazardous or special waste collection point.

Other hazards which do not result in classification:

No specific dangers known, if the regulations/notes for storage and handling are considered.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical nature

Aqueous solution based on: L-Glutamic acid, N-coco acyl derivs., disodium salts

Hazardous ingredients

Ingredient	CAS Number	Classification	Concentration (%)
L-Glutamic acid, N-coco acyl derivs., disodium salts	68187-30-4	Eye Dam./Irrit.: Cat. 2A Aquatic Acute: Cat. 3	30 - 50

4 FIRST AID MEASURES

General Advice: If adverse health effects develop seek medical attention.

Ingestion: Rinse mouth and then drink 200-300 ml of water.

Skin contact: After contact with skin, wash immediately with plenty of water.

Eye contact: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention.

Note to physician:

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far.

Hazards: No hazard is expected under intended use and appropriate handling.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

5 FIRE FIGHTING MEASURES

- Suitable extinguishing media: Water spray, carbon dioxide, dry powder, foam
- Special hazards: harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
- Special protective equipment: Wear a self-contained breathing apparatus.
- Further Information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
-

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions: Use personal protective clothing.
- Environmental precautions: Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

- For small amounts Pick up with suitable absorbent material.
 - For large amounts Dike spillage. Pump off product.
 - Disposal Dispose of absorbed material in accordance with regulations.
-

7 HANDLING AND STORAGE

- Handling: Handle in accordance with good industrial hygiene and safety practice.
-

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

Protection against fire and explosion: Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

Storage

Suitable materials for containers: High density polyethylene (HDPE).

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Store protected against freezing.

Storage temperature: ≤ 40 °C

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with occupational exposure limits

propane-1,2-diol, 57-55-6;

TWA value 474 mg/m³ ; 150 ppm (AU NOEL), Total vapour and particulates

TWA value 10 mg/m³ (AU NOEL), Particulate

TWA value 474 mg/m³ ; 150 ppm (OEL (AU)), Total vapour and particulates

TWA value 10 mg/m³ (OEL (AU)), Particulate

Personal Protective Equipment

- Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.
- Respiratory Protection Wear respiratory protection if ventilation is inadequate.
- Body Protection Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).
- Hand Protection Suitable are protective gloves with the following specification.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately. Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): nitrile rubber (NBR) - 0.2 mm coating thickness

- Eye Protection Safety glasses with side-shields (frame goggles) (e.g. EN 166).

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:	liquid
Colour:	yellow
Odour:	characteristic
Boiling Temperature:	> 100 °C (1,013 hPa)
Flash Point:	> 101 °C; Aqueous preparation.
Evaporation Rate:	Value can be approximated from Henry's Law Constant vapor pressure.
Flammability (solid/gas):	not flammable
Lower / Upper explosion limit:	For liquids not relevant for classification and labelling.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating
Density:	1.14 g/cm ³ (20 °C)
Water solubility:	soluble
Solubility (qualitative) solvent(s):	distilled water, soluble
Partitioning coefficient n-octanol/water (log Pow):	≤ -4.48 (20 °C)
pH:	9.5 - 10.5 (20 °C)

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

10 STABILITY AND REACTIVITY

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Possibility of Hazardous Reactions: None if used for intended purpose.
No hazardous decomposition products if stored and handled as prescribed/indicated.

Conditions to Avoid: No substances known that should be avoided.

11 TOXICOLOGICAL INFORMATION

Acute toxicity: Virtually nontoxic after a single ingestion.
Experimental/calculated data: LD50 (oral): > 2,000 mg/kg (OECD Guideline 401)

Irritation

Assessment of irritating effects: Eye contact causes irritation.

Skin: Not irritating to the skin.

Information on: fatty acids, coco:

Not irritating to the skin. May cause severe damage to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: L-Glutamic acid, N-coco acyl derivs., disodium salts

Not irritating to the skin. Eye contact causes irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Respiratory/Skin sensitization: There is no evidence of a skin-sensitizing potential.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

Germ cell mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

Carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity: The chemical structure does not suggest a specific alert for such an effect.

Specific target organ toxicity (single exposure):

Based on available Data, the classification criteria are not met.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic toxicity

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish:

LC50 > 10 - 100 mg/l

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

Microorganisms/Effect on activated sludge:

EC0 > 100 mg/l

Chronic toxicity to aquatic invertebrates:

No observed effect concentration, > 1 - 10 mg/l

Information on: L-Glutamic acid, N-coco acyl derivs., disodium salts

Assessment of aquatic toxicity:

Acutely harmful for aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. Based on long-term (chronic) toxicity study data, the product is very likely not harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Readily biodegradable (according to OECD criteria).

Elimination information:

(Annex III , part B) The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

Bioaccumulation potential

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

13 DISPOSAL CONSIDERATIONS

Must be disposed of or incinerated in accordance with local regulations.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

14 TRANSPORT INFORMATION

Domestic transport:

Not classified as a dangerous good under transport regulations.

Sea transport - IMDG

Not classified as a dangerous good under transport regulations.

Air transport - IATA/ICAO

Not classified as a dangerous good under transport regulations.

15 REGULATORY AND OTHER INFORMATION

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

Other regulations

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled.

Registration status:

AICS, AU: released / listed

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.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

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.

Trade Name: Plantapon ACG 50

Doc: RMSDS - Plantapon ACG 50

Rev.: 02

TR Ref. Number: RMTR-1001A

Rev. Date: 01/12/2021