

# 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: Amisoft CS-11  
Reference number: RMTR-0121A  
Classification: Not classified as a GHS Hazardous Chemical to the Australian Criteria.

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

Identified uses: Raw Material  
Uses advised against: None to our knowledge.

## 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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**Product's name:** Amisoft CS-11

**Doc:** RMSDS - Amisoft CS-11

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## 1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

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## 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified as a GHS Hazardous Chemical to the Australian Criteria. Not Dangerous Goods, nor a Scheduled Poison, nor Workplace Hazardous Substance.

Further Information:

No specific hazards encountered under normal product use. Fine, dry powder may form an explosive organic dust cloud in dry air.

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## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Classification
Sodium N-Cocoyl-L-Glutamate	68187-32-6	>93%
Nitrogen	Not available	3.6 - 3.9 %

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## 4 FIRST AID MEASURES

Inhalation:

If respiratory irritation occurs, remove individual to fresh air.

Ingestion:

For external use only, do not swallow.

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	If swallowed, immediately rinse mouth thoroughly with water. Give 1-2 glasses of water to drink.
Skin contact:	If necessary, remove contamination clothing. Wash off with soap and plenty of water. In all cases of doubt seek medical advice.
Eye contact:	Remove contacts lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. In all cases of doubt seek medical advice.
Indication of any immediate medical attention and special treatment needed:	Notes to physician: Treat symptomatically.

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## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Any suitable for the surrounding area.
Not suitable extinguishing media:	Straight streams of water.
Hazardous decomposition products:	Initial partial decomposition forms harmful & irritating Organonitrogen decomposition compounds. Final combustion will produce toxic Oxides of Nitrogen; Carbon Monoxide.
Decomposition temperature:	>200°C
Advice for firefighters	Firefighters to wear Self-Contained Breathing Apparatus and chemical protective clothing IF there is a risk of exposure to decomposition products.
Other information:	An organic dust explosion is possible for a fine dry dust cloud in air.

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## 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions: For personal protection see section 8.
- Environmental precautions: Prevent leakage or spillage. Do not discharge product into the aquatic environment without pre-treatment.
- Methods for cleaning up:
- Cleaning/ decontamination Clean up with a shovel and broom. IF a vacuum cleaner is used, ensure that it is intrinsically safe to use with this potentially explosive organic dust.
  - Disposal Dispose of contaminated materials in accordance with current regulations.  
Seal in a clean, labelled container for disposal.
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## 7 HANDLING AND STORAGE

Precautions for safe handling:

- 1- General protective measures: 1- Avoid skin & eye contact. Avoid breathing dusts or solution mists. Wear protective equipment. Keep away from sources of heat or ignition. Wash hands and skin thoroughly after handling this product.
  - 2- Measures to prevent Fire: 2- Keep away from sources of ignition – no smoking.
  - Conditions for safe storage, including any incompatibilities: Keep containers/ package tightly closed in a cool, well ventilated place. Avoid direct sunlight. Handle and open containers with care. Store away from oxidizers and sources of heat.
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## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit values: No specific exposure standards have been established by Safe Work Australia (formerly the ASCC, formerly NOHSC).

Keep atmospheric contamination as low a level as practically possible.

Nuisance Dusts: 10 mg/m<sup>3</sup> TWA (inspirable dust)

Exposure Controls:

- General Engineering Measures Local ventilation is usually preferred. Avoid formation of potentially explosive organic dust clouds. Avoid solution mist formation.
  - General Industrial Hygiene Practices Avoid contact of chemicals with skin, inside of the eye and clothing. Ensure that eyewash stations and safety showers are close to the workstation location.  
Where dusts or mists may be released, Wear a dust/mist respirator meeting AS1715/1716.
  - General Hand Protections Measurements Wear impermeable protective gloves.
  - General Eye Protection Measures Wear safety goggles.
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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Solid

Appearance: White to yellow flake or powder, with a slight characteristic odour.

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Decomposition:	> 200°C
Specific Gravity:	1.1-1.2 Amisoft CS-11: 1.15; Amisoft LS-11: 1.15
Bulk Density:	LS 11 - 300 kg/m <sup>3</sup> (loose powder) CS 11 - 350-480 kg/m <sup>3</sup> (loose powder)
Water solubility:	Amisoft CS 11: Freely soluble in water (200 g/L at 40°C). Acylglutamate LS 11: Soluble with precipitate (200 g/L at 40°C). Soluble with no precip. (100 g/L at 40°C). Soluble with no precip. (300 g/L at 45°C).
pH:	CS 11: 5.5 (1%, 40°C) Typically 5-6 for 1% solution. LS 11: 5.3 (1%, 40°C) Typically 5-6 for 1% solution.
Volatile Component:	<5% (Loss on Drying)
Flammability:	Not readily combustible. The powder will burn under fire conditions. dry powder may form an explosive organic dust cloud in dry air.
Flammable Limits - lower:	Fine dry powder may form an explosive organic dust cloud in dry air
Molecular Weight:	CS 11: 359 (Average MW) LS 11: 355 (Average MW) Formula: Acylglutamate is represented by the following formula. HOOC-CH <sub>2</sub> -CH <sub>2</sub> -CH-COONa -COR is a long chain acyl radical $\begin{array}{c}   \\ \text{NH-COR} \end{array}$ Amisoft CS 11: Cocoyl long chain acyl radical. Acylglutamate: Lauroyl long chain acyl radical.

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## 10 STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage and normal usage conditions.

Chemical Stability: Stable under recommended storage and normal usage conditions.

Hazardous decomposition products: Initial partial decomposition forms harmful & irritating Organonitrogen decomposition compounds. Final combustion will produce toxic Oxides of Nitrogen; Carbon Monoxide.

Conditions to Avoid: Heat. Decomposes with heat under alkaline conditions.

Incompatible Materials: Strong oxidizing agents.

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## 11 TOXICOLOGICAL INFORMATION

### Toxicology Information

- Acute Oral Toxicity: LD50 (mouse): >2000 mg/kg (Amisoft CS-11)
  - Eye Irritation (Draize, rabbit) Mildly irritating (5% solution)
  - Skin Irritation (Draize, rabbit) Mildly irritating (5% solution)
  - Skin Sensitisation (G Pig) Negative (Maximisation Method)
- There was no evidence of sensitisation and photosensitisation among human volunteers and guinea pigs tested.
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Acute symptoms:

May be harmful if swallowed. Not expected to be harmful if swallowed in small amounts.

May cause respiratory irritation of the nose, throat with cough, difficulty of breathing or shortness of breath.

May cause skin irritation with itchiness or erythema.

May cause eye irritation, tearing, or blurring of vision.

Repeated or prolonged contact may cause skin and eye irritation.

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## 12 ECOLOGICAL INFORMATION

This substance is not expected to be hazardous to the environment.  
The biodegradability of Acylglutamate compounds is extremely good.

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## 13 DISPOSAL CONSIDERATIONS

Waste treatment methods:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

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## 14 TRANSPORT INFORMATION

Not defined as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road & R, the IATA Air Transport Dangerous Goods Regulations; nor by the IMDG (International Maritime Dangerous Goods Code).

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## 15 REGULATORY AND OTHER INFORMATION

Safety, health and environmental regulations specific for the mixture or substance: All ingredients are on the Australian Inventory of Chemical Substances.

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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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