

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: Amisol Trio
Reference number: RMTR-0124A
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: Amisol Trio
TR Ref. Number: RMTR-0124A

Doc: RMSDS - Amisol Trio
Rev.: 03
Rev. Date: 01/12/2021

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Adverse human health effects: To our knowledge, no specific risks when handled in accordance with good occupational hygiene and safety practices.

Environmental effects: Presents no particular risks to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

Physical and chemical hazards:
- Fire or explosion: According to our knowledge, no specific hazard under normal conditions of use.

Classification of the products This product is not classified as a hazardous mixture according to CLP regulation (EC) n° 1272/2008.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EINECS
Phospholipid	8002-43-5	232-307-2
Glycine soja (soybean) oil	8001-22-7	232-274-4
Glycine soya (soybean) sterols	-	-
Glycolipids	-	-

Hazardous constituent: None

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4 FIRST AID MEASURES

Inhalation:	Move the affected person away from the contaminated area and into the fresh air.
Ingestion:	Do not induce vomiting. If the conscience is complete, let him/her drink water. Consult a doctor if necessary.
Skin contact:	Wash with soap and plenty of water. Consult a doctor if necessary.
Eye contact:	Rinse with plenty of water immediately and extended in keeping the eyes disregarded. Consult an ophthalmologist.

5 FIRE FIGHTING MEASURES

Flammability:	The product is not flammable.
Suitable extinguishing media:	Water spray. Carbon dioxide (CO ₂) or foam.
Unsuitable extinguishing media:	Water jet.
Special hazards:	Under the action of heat or during combustion: May form toxic and irritating vapours (carbon oxides).
Specific fire fighting methods:	Avoid the dumping of extinguishing water in the environment. Do not attempt to fight the fire without suitable protective equipment.
Advice for firefighters	Complete protective clothing. Self-contained and insulating breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use appropriate personal protective equipment during clean-up.
Environmental precautions:	Contain the spilled material by bunding. Do not allow product to spread into the soil and to enter sewers/ surface or ground water.
Methods for cleaning up:	Absorb spillage with sand or diatomite. Wash non-recoverable remainder with large amounts of water. Dispose in a licensed waste collection point.
Further information:	Warning: this product can cause the floor to be slippery.

7 HANDLING AND STORAGE

Precautions for safe handling:

- | | |
|------------------------|--|
| 1- Technical Measures: | 1- No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Keep container tightly closed after use. |
| 2- Precautions: | 2- Avoid any useless exposure. Keep away from food and drinks. Wash hands and any other zone exposed with soap and water before eating, drinking, smoking and before leaving work. |

Storage: Store only in its original packaging in a dry place, protected from direct light, air and at temperatures lower than 25°C.

Incompatible materials: Strong oxidizing agents.

Recommended Packaging material: Original packaging.

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Measures:	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Personal protective equipment:	
• Respiratory Protection	Not necessary.
• Hand Protection	Protective rubber gloves. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374. Breakthrough time: refer to the recommendations of the supplier.
• Eye Protection	Safety glasses. Do not carry contact lenses.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Aspect:	Viscous liquid
Colour:	Amber
Odour:	Characteristic
Flash Point:	> 100°C

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable at temperature lower than 25°C and under normal conditions of use.
Conditions to Avoid:	Strong heat.

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Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	On heating or during combustion: May form toxic and irritating vapours (carbon oxides, CO and CO ₂).

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Amisol™ Trio belongs to the category of lecithins.

- Lecithin: LD50 (oral, rat): > 16000 mg/kg
Not toxic (source: CIR report (IJT 20(S1) 21-45, 2001)).

Primary irritation:

Skin irritation study (24h-single patch-test - pure product):

Non irritant (source: study TCP24H/DE-00/0438).

Eye irritation (determination of cytotoxicity after spreading in agarose gel - pure product):

Slight cytotoxicity (source: study N° IO/JOFR-PA-00/0389).

Chronic effects It is possible to use data available on lecithins.

- Lecithin

Mutagenicity (AMES test):

Not mutagenic (source: CIR report).

Other data:

No specific data available. However, lecithin was CIR reviewed. All available toxicological data are listed in these documents.

The initial CIR report on lecithin and hydrogenated lecithin was published in 2001 (IJT 20 (Suppl.1): 21-45) and the conclusion of this report mentioned that these substances are safe as used in rinse-off products

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and safe for use in leave-on products at concentrations lower or equal to 15%. Moreover, lecithin and hydrogenated lecithin should not be used in cosmetics in which N-Nitroso compounds might be formed.

At the March 2015 meeting, the CIR Experts Panel reviewed the file on lecithin and hydrogenated lecithin. In light of the new existing data, they have just published a final report stating that these ingredients are safe in the present practices of use and concentration.

This new conclusion does not include any of the limitations that were included in the 2001 CIR report on lecithin and hydrogenated lecithin.

12 ECOLOGICAL INFORMATION

Biodegradability:

AMISOL™ TRIO: > 96% in 28 days (method: OECD 301 A) - Easily biodegradable

Source: Study made in April-May 2011

Bioaccumulation: Partition coefficient n-octanol/water: not determined

Ecotoxicity:

Aquatic toxicity on AMISOL™ TRIO:

EC10 (Daphnia: Daphnia magna)/ 48 h: 1 mg/L

EC50 prob. (Daphnia: Daphnia magna)/ 48 h: 75.4 mg/L

Method: OECD 202

Source: Study made in November 2010

13 DISPOSAL CONSIDERATIONS

Appropriate disposal / Product:

Recommendation: Do not empty into drains or the aquatic environment. This material and its packaging

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must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Proposals for waste code number/ waste identification according to EAKV:

070699 wastes not otherwise specified.

Contaminated packaging:

Recommendation: empty and non-polluted packaging may be recycled.

Note: The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal.

14 TRANSPORT INFORMATION

Note: The above regulatory prescriptions are those valid on the date of publication of this document. Taking into account the possible evolution of transport regulations about hazardous materials and in case of the MSDS is dated from more than 1 year, it would be recommended to check these data with your commercial agency.

LAND TRANSPORT ADR/RID:

UN Number: Not regulated.

MARITIME TRANSPORT IMDG:

UN Number: Not regulated.

AIR TRANSPORT IATA:

UN Number: Not regulated.

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15 REGULATORY AND OTHER INFORMATION

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

EU regulation:

Chemical Safety Assessment: No chemical safety assessment will be carried out. In fact, Amisol™ Trio belongs to the category of lecithins and lecithins are exempted from REACH regulation n°1907/2006 (Annex I of regulation n° 987/2008).

Label elements according to CLP regulation n°1272/2008:

- Hazard pictograms: None.
- Signal words: None.
- Hazard statements: None.
- Precautionary statements: None.

International regulation:

Regulation in USA: based on the conclusions of the CIR report on lecithins and hydrogenated lecithins.

Note:

The regulatory informations given above only indicate the main regulations specifically applicable to the product described in the MSDS. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. We recommend you to refer to all applicable international, national and local regulations or provisions.

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.

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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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