

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 Soft
Reference number: RMTR-0123A
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 Soft
TR Ref. Number: RMTR-0123A

Doc: RMSDS - Amisol Soft
Rev.: 03
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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARD IDENTIFICATION

- Adverse human health effects: To our knowledge, no specific risk when handled in accordance with good occupational hygiene and safety practices.
- Environmental effects: Presents no particular risk 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: No specific hazard under normal conditions of use, to our knowledge.
- 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

Component	CAS Number	EINECS Number	REACH Registration Number
Behenyl Alcohol	661-19-8	211-546-6	01-2119487963-20-XXXX; 01-2119485907-20-XXXX; 01- 2119485909-16-XXXX
Glyceryl Stearate	31566-31-1	250-705-4	01-2119495562-30-XXXX
Lecithin	8002-43-5	232-307-2	-
Glycine Soja (Soybean) Sterols	-	-	01-2119969654-22-XXXX
Tocopherol (additive)	-	-	01-2120087339-44-XXXX

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4 FIRST AID MEASURES

Inhalation:	Move the affected person away from the contaminated area and into the fresh air. If irritation persists, consult a doctor.
Ingestion:	If swallowed, do not induce vomiting, drink water. Consult a doctor if necessary.
Skin contact:	Remove contaminated clothing. Wash off with soap and plenty of water. Consult a doctor if necessary.
Eye contact:	Rinse with plenty of water immediately, eyes opened. If irritation persists, consult an eye specialist.

5 FIRE FIGHTING MEASURES

Flammability:	The product is not flammable.
Suitable extinguishing media:	Carbon dioxide (CO ₂), foam, water spray.
Not to be used:	Water jet.
Special hazards arising from the substance or mixture:	Under the action of heat or during combustion: May form toxic and irritating vapours (carbon oxides).
Special Fire Fighting Method:	Avoid the dumping of extinguishing water in the environment. Do not attempt to fight the fire without suitable protective equipment.
Protection of fire fighters:	Complete protective clothing. Self-contained breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes, do not eat.
Environmental precautions:	Contain the spilled material by bunding. Do not allow product to spread into the environment (soil, ground water).
Methods for cleaning up:	Collect mechanically the product by aspiration and/or sweeping. Wash non-recoverable remainder with large amounts of water. Dispose of at a licensed waste collection point.

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. |
| 2- Precautions: | 2- Avoid contact with skin and eyes. 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

Technical Measures:	Store the container tightly closed, in a cool and dry area, at temperatures not exceeding 25 °C, protected from air, direct light and humidity.
Incompatible materials:	Strong oxidizing agents, strong acids and bases.

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Recommended packaging material: Original packaging (carton with inner polyethylene bag).

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 In case of formation of dust, wear suitable breathing apparatus.
- Body and Skin Protection Wear a protective chemical proof clothing.
- 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 with side protections. Do not carry contact lenses.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Aspect: Oval pellets
Colour: Light yellow
Odour: Characteristic

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10 STABILITY AND REACTIVITY

Chemical Stability:	Stable at temperature lower than 25°C and under normal conditions of use.
Conditions to Avoid:	Over heating, light and humidity.
Incompatible Materials:	Strong oxidizing agents, strong acids and bases.
Hazardous Decomposition Products:	During combustion or thermal decomposition (pyrolysis), it may release toxic and irritating vapours (CO, CO ₂).

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

No specific data available. According to our knowledge, the product does not present any particular risk when handled in accordance with good occupational hygiene and safety practices.

- Behenyl alcohol LD50 > 2000 mg/kg : no toxic (source: supplier's data on similar product).
- Glyceryl stearate LD50 (oral, rat) > 20000 mg/kg : not toxic (source: supplier's data).
- Lecithin LD50 (oral, rat) > 16000 mg/kg : not toxic (source: CIR report (IJT 20(S1)/21-45, 2001)).

Primary irritation

Local effects: The studies made showed that AMISOL SOFT does not present any particular risk of skin and eye irritation.

Skin irritation study (48-hour Patch-test - 10% dilution): Non irritant (source : study 1.01-48H-ID-01/653).

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Eye irritation study (Cytotoxicity on a SIRC cell strain - 10% dilution): Insignificant cytotoxic (source : study 3.01-ID-01/653).

Behenyl alcohol: non irritant for skin and eyes (source : supplier's data).

Lecithin:

Skin irritation studies (Patch-tests - rabbit): Non-irritant to moderately irritating (source: CIR report).

Eye irritation studies (Draize tests - rabbit): Non-irritant to moderately irritating (source: CIR report).

Chronic effects - AMISOL SOFT

Sensitization (HRIPT method - 10% dilution) : Hypoallergenic (source : study 3.04-ID-01/653).

Mutagenicity (AMES test - method: OECD 471): no evidence of mutagenicity (source: report n° MI.01.C_2010/612).

Behenyl alcohol: In vitro mutagenicity (method OECD 471) : Not mutagenic (source : supplier's data).

Chronic effects - Lecithin:

Mutagenicity (AMES test): not mutagenic (source : CIR report).

Chronic toxicity, cancerogenicity, reproduction toxicity: data available in the CIR report.

Other data :

Behenyl alcohol: Conclusions of the CIR report mention that behenyl alcohol is "safe" cosmetic products (source : CIR report (JACT 7(3) : 359-413, 1988)).

Glyceryl stearate: Conclusions of the CIR report mention that glyceryl stearate is "safe" in cosmetic products (reviewed up to 50%), (source : CIR report (JACT 1(4) : 169-92, 1982)).

Lecithin was CIR reviewed. 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 were safe as used in rinse-off products 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

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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.

Source: Safety Assessment of Lecithin and Other Phosphoglycerides as Used in Cosmetics, Tentative report for public comment, 134th Meeting, CIR Expert 6-17, 2015.

12 ECOLOGICAL INFORMATION

Biodegradability

Behenyl alcohol (method OECD 301): easily and quickly biodegradable (source: supplier's data).

Lecithin (method OECD 301 D): easily biodegradable (source: supplier's data).

Glyceryl stearate: easily biodegradable (method: OECD 301A)

Source: study made in October 2010

Data available for AMISOL SOFT

Average percentage of biodegradability: 100% in 28 days (method OECD 301 D)

Source: Study made in January 2013

Bioaccumulation

Partition coefficient n-octanol/water: not determined for AMISOL SOFT.

Ecotoxicity: This product is not considered to present any particular risk for the aquatic environment.

Behenyl alcohol (source: supplier's data)

LC50 (fish) > 100 mg product/L

ECO (bacterium) > 100 mg product/L (method OECD 209)

Glyceryl stearate

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LC50-96h (fish) > 10000 mg/L

Source: supplier's data

EC50 (Daphnia: Daphnia magna)/ 48h: >100 mg/L

Method: OECD 202

Source: Study made in November 2010

Data available for AMISOL SOFT

Aquatic toxicity:

EC50 (Daphnia: Daphnia magna)/ 48h: 1125.22 mg/L

Method: OECD 202

Source: Study made in January 2013

13 DISPOSAL CONSIDERATIONS

Appropriate disposal / Product: Do not empty into drains or the aquatic environment. This material and its packaging 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.

Contaminated packaging: 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

The above regulatory prescriptions are those valid on the date of publication of this sheet Given the possible

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evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency.

LAND TRANSPORT ADR/RID

Not regulated.

MARITIME TRANSPORT IMDG

Not regulated.

AIR TRANSPORT IATA

Not regulated.

15 REGULATORY AND OTHER INFORMATION

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

EU regulation:

Chemical safety assessments of substances contained in this preparation have not been carried out yet.

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

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

International regulations:

CTFA: all the ingredients of this preparation are listed.

European inventory CosIng: all the ingredients of this preparation are listed.

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

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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.

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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