

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: Happybelle PE
Reference number: RMTR-0269A
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: 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
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

Trade Name: Happybelle PE
TR Ref. Number: RMTR-0269A

Doc: RMSDS - Happybelle PE
Rev.: 02
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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Flam. Liq. 3 H226

Aquatic Chronic 3 H412

Full text of H- and EUH-statements:

Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye. Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Sens. 1	Skin sensitisation, Category 1
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Ascorbyl Tetraisopalmitate. May produce an allergic reaction.

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Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra

Hazard pictograms (CLP)



Signal word (CLP)

Warning

Hazard statements (CLP)

H226 - Flammable liquid and vapour.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

P210 - Keep away from sparks, hot surfaces, heat, open flames. No smoking.

P233 - Keep the container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof lighting, electrical, ventilating equipment.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection.

P370+P378 - In case of fire: Use alcohol resistant foam to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents and container to an approved waste disposal plant.

EUH-statements

EUH208 - Contains Ascorbyl Tetraisopalmitate. May produce an allergic reaction.

Other hazards

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Product Identifier	%	Classification [1]
Water (Aqua/ Water)	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	48.865	Not classified
Glycerol (Glycerin)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	29	Not classified
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	17	Flam. Liq. 2, H225
Lecithin	(CAS-No.) 8002-43-5 (EC-No.) 232-307-2	3.1	Not classified
Vegetable Oil	(CAS-No.) 68956-68-3 (EC-No.) 273-313-5	1	Not classified
Alpha Tocopherol	(CAS-No.) 59-02-9 (EC-No.) 200-412-2 (REACH-no) 01-2120087339-44	0.5	Not classified
Ascorbyl Tetraisopalmitate	(CAS-No.) 183476-82-6 (EC-No.) 430-110-8 (REACH-no) 01-0000017639-58	0.25	Skin Sens. 1, H317 Aquatic Chronic 1, H410
Cyclodextrin	(CAS-No.) 7585-39-9 (EC-No.) 231-493-2 (REACH-no) 01-2119457012-51	0.25	Eye Irrit. 2, H319
Vitex Agnus Castus Extract	(CAS-No.) 91722-47-3 (EC-No.) 294-446-5	0.035	Not classified

[1] According to Regulation (EC) No. 1272/2008 [CLP]

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4 FIRST AID MEASURES

First-aid measures after inhalation	Remove persons to fresh air and keep them comfortable for breathing.
First-aid measures after skin contact	Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact	Rinse eyes with water as a precaution.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.
Most important symptoms and effects, both acute and delayed	Not expected to present a significant hazard under anticipated conditions of normal use.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Alcohol resistant foam. Water spray. Dry powder. Foam. Carbon dioxide.
Not suitable extinguishing media:	Do not use a heavy water stream.
Special hazards arising from the substance or mixture - Fire Hazard	Flammable liquid and vapour.

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Hazardous decomposition Toxic fumes may be released.
products in case of fire

Advice for firefighters Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus. Complete protective clothing.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- For non-emergency personnel Ventilate spillage area. No open flames, no sparks, and no smoking.

For emergency responders

- Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Take up liquid spill into absorbent material. Notify authorities if a product enters sewers or public waters.

Other information Dispose of materials or solid residues at an authorized site.

Reference to other sections

For further information refer to section 13.

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7 HANDLING AND STORAGE

Precautions for safe handling

Precautions for safe handling	Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.
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Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
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Conditions for safe storage, including any incompatibilities

Technical measures	Ground/bond container and receiving equipment.
Storage conditions	Store in a well-ventilated place. Keep cool. Keep the container tightly closed.

<u>Specific end use(s)</u>	No additional information available
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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters	No additional information available
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Exposure Controls:

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| <ul style="list-style-type: none">General Engineering Measures | Ensure good ventilation of the work station. |
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- | | |
|-----------------------------------|---|
| • Hand Protection | Protective gloves |
| • Eye Protection | Safety glasses |
| • Skin and body protection | Wear suitable protective clothing |
| • Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment |
| • Respiratory protection |  |
| • Environmental exposure controls | Avoid release to the environment. |
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9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	liquid
Color:	amber, slightly turbid.
Odour:	characteristic
pH	4 - 7
Flash Point:	28°C
Density:	0.99 - 1.07
VOC Content:	17 %

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10 STABILITY AND REACTIVITY

Reactivity:	Flammable liquid and vapour.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous:	No dangerous reactions known under normal conditions of use.
Conditions to Avoid:	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible Materials:	No additional information available
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified Regarding the composition, a LD50 value of > 2000 mg/kg has to be expected.
Skin corrosion/irritation:	Not classified pH: 4 – 7
Serious eye damage/irritation:	Not classified pH: 4 – 7
Other hazards:	Not classified
Further information (if necessary):	Regarding the composition, a LD50 value of > 2000 mg/kg has to be expected.

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12 ECOLOGICAL INFORMATION

<u>Toxicity - Ecology - general</u>	Harmful to aquatic life.
<u>Persistence and degradability</u>	No additional information available
<u>Bioaccumulative potential</u>	No additional information available
<u>Mobility in soil</u>	No additional information available

Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Other adverse effects	No additional information available
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13 DISPOSAL CONSIDERATIONS

Waste treatment method	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	Flammable vapours may accumulate in the container.

14 TRANSPORT INFORMATION

In accordance with the latest regulations on ADR / RID / IMDG / IATA / ADN

Not regulated

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Overland transport

Transport regulations (ADR)	Not restricted as per special provision ADR/RID No. 144 (Aqueous solutions containing less than 24% of alcohol by volume are not subject to these Provisions).
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Special provisions (ADR)	144
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Air transport

Transport regulations (IATA)	Ethanol aqueous solutions containing 24% or less alcohol by volume
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Special provisions (IATA)	A58
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Inland waterway transport

Carriage prohibited (ADN)	No
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Not subject to ADN	No
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Rail transport

Carriage prohibited (RID)	No
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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15 REGULATORY AND OTHER INFORMATION

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

EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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VOC content : 17 %

Germany

Regulatory reference : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

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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