

Provides critical information on hazardous substances or mixtures.

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) 5566 0566
Address	C3/ 1-3 Rodborough Rd, Frenchs Forest, NSW, 2086, Australia

1.2 PRODUCTION IDENTIFICATION

Raw Material	Urea BP
SKU	RMTR-0535A

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

Identified uses	Cosmetic Raw Materials
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

1.5 EMERGENCY CONTACTS - INSTITUTION CENTRE

Australia	Poison Information Centre 13 11 26
-----------	------------------------------------

2 HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS classification Australia in accordance with Safe Work Australia	Not classified as hazardous according to Safe Work Australia
---	--

Labelling

Pictogram Code:	-
Signal Word:	-
Hazard Statement:	-
Precautionary Statement (Prevention)	-
Precautionary Statement (Response)	-
Storage	-

Disposal

-

Additional Information

3 COMPOSITION/ INFORMATION ON INGREDIENTS

INCI Name	CAS No	Comments	Composition Range %	Classification of Ingredient in accordance with Safe Work Australia
Urea	57-13-6	-	> 99.0	Not classified

4 FIRST AID MEASURES

If inhaled	Move to fresh air.
In case of skin contact	Wash off with soap and water.
In case of eye contact	Immediately flush eye(s) with plenty of water.
Most important symptoms and effects, both acute and delayed (if relevant)	No further information available.
Indication of any immediate medical attention and special treatment needed	No further information available.
General information:	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media	Water. Carbon dioxide (CO2). Foam. Dry powder.
Not suitable extinguishing media	High volume water jet.
Special hazards arising from the substance or mixture incompatibilities	Hazardous combustion products: Ammonia.
Specific and uses	Wear self-contained breathing apparatus and protective suit.
Further information	The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	No special precautions required. Forms slippery surfaces in contact with water.
Environmental precautions	Do not let enter drains/ surface water/ ground water.
Methods and materials for containment and cleaning up:	Pick up when dry. Put into suitable containers and take for recycling or disposal.

7 HANDLING AND STORAGE

Precautions for safe handling

General protective measures	No special precautions required.
Measures to prevent Fire	The product is not flammable. No special precautions required.
Conditions for safe storage, including any incompatibilities	Keep in a dry place. Keep in closed storage rooms or in a room protected from atmospheric influences. Resistant and impermeable floor surface. Storage stability relating to chemical parameters at least: 3 years. The product hardens during storage.
Specific and uses	Cosmetic preparations

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls (mixture)

Exposure limit(s): None.
Biological occupational exposure limits: None.

Exposure Controls

General Engineering Measures	No further information available
General Industrial Hygiene Practices	Wash hands before breaks and at the end of workday.
General Hand Protections Measurements	Not required.
General Eye Protection Measures	Not required.
Skin and body protection:	No special protective equipment required.
General protective measures:	Avoid prolonged and intensive skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Test Item	Comments	Unit of measurement	Specification (Lower)	Specification (Upper)
Odour	Slightly ammoniacal	-	Complies	Complies
pH	20 °C // Concentration: 100 g/l // Aqueous solution	-	0.0	10.0
Melting point/range	ca. 134 °C	-	Complies	Complies
Boiling point/boiling range	Decomposition beginning at melting point	-	Complies	Complies
Vapour pressure (298 K)	0.00002 hPa	-	Complies	Complies
Relative density	20 °C, 1,33 g/cm3	-	Complies	Complies
Bulk density	ca. 720 kg/m3	-	Complies	Complies
Water solubility	20 °C, 624 g/l	-	Complies	Complies
Partition coefficient: n-octanol/water (log/Pow)	20 °C, -1,56	-	Complies	Complies
Oxidizing properties	No fire-propagating characteristics	-	Complies	Complies
Auto-ignition temperature	Not auto-flammable.	-	Complies	Complies
Solubility in other solvents	Very soluble in water, soluble in ethanol	-	Complies	Complies

10 STABILITY AND REACTIVITY

Reactivity	No further information available.
Chemical Stability	No decomposition if used as directed.
Possibility of Hazardous	Violently with nitrites. With strong oxidising agents.
Conditions to Avoid	Uncontrolled heating. Avoid dust formation.
Incompatible Materials	Oxidising substances, Acids, Bases.
Hazardous decomposition products:	Ammonia. Nitrogen oxides (NOx). Carbon dioxide (CO2). Carbon monoxide.

11 TOXICOLOGICAL INFORMATION

Acute oral toxicity:	Species: Rat Test substance: Urea Dose LD50: 14300 mg/kg
Acute inhalation toxicity:	Test substance: Urea Study based on exposure observations not required.

Acute dermal toxicity:	Test substance: Urea Study not provided with scientific basis.
Skin irritation:	Test substance: Urea Result: non-irritant
Eye irritation:	Test substance: Urea Result: non-irritant
Respiratory or skin sensitisation:	Result: Not sensitizing. Test substance: Urea
Mutagenicity:	Result: Non mutagenic Test substance: Urea
Repeated dose toxicity:	Application Route: Oral Species: Rat Test substance: Urea NOAEL: 2250 mg/kg Result: None.
Reproductive toxicity:	Species: Rat Test substance: Urea Result: None. NOAEL: 500 mg/kg
Other data:	No evidence suggesting dangerous properties.

12 ECOLOGICAL INFORMATION

Toxicity to fish:	Exposure time: 96 h Dose LC50: > 6810 mg/l Species: Leuciscus idus (Golden orfe)
	Species: Daphnia magna (Water flea) Exposure time: 24 h Dose EC50: > 10000 mg/l
Toxicity to algae:	Dose: > 10000 mg/l Species: Scenedesmus quadricauda (Green algae) Exposure time: 192 h
Biological degradability:	Readily biodegradable. Test substance: Urea
Bioaccumulation:	Does not bioaccumulate. Test substance: Urea
Partition coefficient: octanol/water:	log Pow: -1,56 Temperature: 20 °C Method: A8
Results of PBT and vPvB assessment:	The substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006. Annex XIII.
Additional ecological information:	Slightly hazardous to water.

13 DISPOSAL CONSIDERATIONS

Waste from residues:	In accordance with the waste recycling/disposal regulations, has to be taken to an approved waste disposal facility. The classification of the waste has to be made according to its source in accordance with the European waste code regulations.
Contaminated packaging:	Disposal according to the regulations, contaminated packaging has to be treated in the same way as the substance itself. Packaging should be completely emptied, and then taken to an approved recycler after appropriate cleaning.

14 TRANSPORT INFORMATION

Land transport - DOT	Not classified as dangerous in the meaning of transport regulations.
----------------------	--

Sea transport - IMDG

Not classified as dangerous in the meaning of transport regulations.

Air transport - IATA/ICAO

Not classified as dangerous in the meaning of transport regulations.

15 REGULATORY AND OTHER INFORMATION

SUSMP	Schedules	AICIS
Not scheduled	-	Listed

Legend

AICIS Listed: All CAS declared ingredients are on the inventory
AICIS Complies: One or more of the CAS listed ingredients are exempt from listing
AICIS Not listed: One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing
SUSMP Schedule: Please note that some schedules have exemptions according to the use of the material. Please follow relevant regulations/ requirements.

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.

Issue Date 01-Oct-2022

Revision Date 01-Jun-2023

Version 04