

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: Amihope LL
Reference number: RMTR-0118A
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: Amihope LL
TR Ref. Number: RMTR-0118A

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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: Not Dangerous Goods, nor Workplace Hazardous Substance, nor Sch Poison. Not classified as a GHS Hazardous Chemical in Australia.

Other Information: Very fine, dry powder could form an explosive organic dust cloud in the air.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Characterization: Solid

| Ingredient | CAS Number | Concentration (%) |
|---------------------------|------------|-------------------|
| N-Lauroyl Lysine | 52315-75-0 | > 98.5 |
| Loss on Drying (Moisture) | 7732-18-5 | < 0.5 |

4 FIRST AID MEASURES

Inhalation: Move affected person to fresh air. Call a doctor if they feel unwell.

Ingestion: Drink 1-2 glasses of milk or water to dilute. Call a doctor if they feel unwell.

Skin contact: Wash skin with water. IF skin irritation occurs, get medical advice and attention.

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| Eye contact: | Rinse eyes cautiously with water. Seek medical advice if effects persist. |
| Fires Aid Facilities: | Eye wash immediately available. Safety shower plus normal washroom facilities nearby. |
| Advice to Doctor: | Treat symptomatically. |

5 FIRE FIGHTING MEASURES

| | |
|-----------------------------------|---|
| Fire Fighting Measures: | Not a readily combustible powder. It will burn under fire conditions. |
| Extinguishing Media: | Water, Foam, Dry agent, Carbon dioxide. |
| Explosion Hazard: | If the product is a very fine, dry powder it could form an explosive organic dust cloud in air. Avoid build up of this organic dust on flat surfaces. |
| Hazardous Decomposition Products: | Oxides of Nitrogen (NO _x), Ammonia, Carbon Monoxide. |
| Decomposition Temperature: | 230°C |
| Protective Equipment: | Under fire conditions wear Self Contained Breathing Apparatus. |

6 ACCIDENTAL RELEASE MEASURES

| | |
|-----------|--|
| Spillage: | Remove the spill with a shovel or broom. IF a vacuum cleaner is used, take care to avoid an organic dust cloud explosion in the equipment. |
| Disposal: | Place in clean, labelled drums for recycling or disposal. |

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7 HANDLING AND STORAGE

Handling: Avoid skin, eye and inhalation contact. Wear protective gloves. Ensure there are no ignition sources near where fine, dry powder may form dust clouds in the open or in equipment.

Storage: Store under cool, dry conditions. Keep tightly closed. Store and handle in accordance with Work Health & Safety Regulations or Occupational Health & Safety Regulations in your State/Territory.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit values: No specific exposure standard has 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/m³ TWA (inspirable dust)

Appropriate Engineering Controls: Control formation of dust. Use local exhaust system if necessary. Take precautions to stop formation of explosive organic dust clouds. Remove all potential ignition sources in areas where this may occur.

Individual Protection Measures: Avoid skin, eye and inhalation contact. Wear protective rubber or plastic gloves. Wear safety glasses with side shields. Always wash hands before smoking, eating, drinking or using the toilet.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

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|----------------------------|--|
| Form: | Solid |
| Appearance: | White to light yellow powder, with a slight characteristic odour. |
| Decomposition Temperature: | 230°C |
| Melting Point: | > 200 °C (decomposes) |
| Specific Gravity: | 1.2 |
| Vapour Pressure: | Nil at 20°C |
| Volatile Component: | < 0.5 % (loss on drying) |
| Flammability: | Not a readily combustible powder. It will burn under fire conditions. However, like all organic dusts may form an explosive organic dust cloud with air. |
| Flammable Limits - Lower: | Fine, dry powder may form an explosive organic dust cloud in air. LEL: 100 mg/L |
| Molecular Weight: | MW: 328.5 FORMULA: C18-H36-N2-O3 |
| Solubility: | Insoluble in water. Insoluble in organic solvents and oil. |
| Bulk Density: | 300 kg/m ³ approx. |
| Dust Explosion Data: | Rate of Explosion Pressure Rising (at concentration of 500 mg/L): Average: 114 kg/cm ² .sec Maximum: 331 kg/cm ² .sec |
| pH: | Insoluble (slurry will be pH neutral) |

10 STABILITY AND REACTIVITY

Reactivity: Stable.

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| Conditions to Avoid: | High temperatures; dust cloud formation near ignition sources (e.g. electric sparks). |
| Incompatible Materials: | Strong oxidizing agents. Strong acids. |
| Hazardous Decomposition Products: | Oxides of Nitrogen (NO _x), Ammonia, Carbon Monoxide. |
| Hazardous Polymerisation: | Will not occur. |

11 TOXICOLOGICAL INFORMATION

| | |
|-------------------------|--|
| Acute Oral Toxicity: | Acute Oral Toxicity LD50 (rat) : >5000 mg/kg Acute Oral Toxicity LD50 (mouse) : >3000 mg/kg |
| Skin Irritation: | (Draize, Rabbit, 20% Olive Oil slurry): Not a skin irritant |
| Eye Irritation: | (Rabbit, 20% Olive Oil slurry): Minimally eye irritating |
| Skin Sensitisation: | (Guinea Pig, Mod.Maximis'n): Not a skin sensitiser. |
| Phototoxicity: | Not phototoxic. |
| Germ Cell Mutagenicity: | Negative (Bacterial Reverse Mutation Test). S. typhimurium TA98, TA100, TA1535, TA1537, A1538 E. coli WP2 uvrA |
| Ingestion: | May be slightly harmful if swallowed. |
| Inhalation: | May cause slight respiratory irritation IF inhaled. |
| Skin: | Not expected to cause skin irritation. |
| Eye: | May cause slight eye irritation. |
| Chronic Effects: | None chronic effects known. |

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12 ECOLOGICAL INFORMATION

Ecotoxicity: Not an environmental hazard. No toxicity for wildlife and plants.
Biodegradable with no bio-accumulation.

Biodegradation: 12.5 day biodegradation study: More than 90% degraded (BOD)

13 DISPOSAL CONSIDERATIONS

Waste treatment methods: In accordance with Local, State and Federal EPA waste regulations.
May be incinerated, composted or reacted in an approved facility

14 TRANSPORT INFORMATION

NOT defined as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road & Rail; by the IATA Air Transport Dangerous Goods Regulations; or by the IMDG (International Maritime Dangerous Goods) Code.

15 REGULATORY AND OTHER INFORMATION

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

Poisons Schedule

Not Scheduled

Packaging & Labelling

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AICS (Australia)

All ingredients are on the Australian Inventory of Chemical Substances.

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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