

SAFETY DATA SHEET

LR White Accelerator

Version 2 · issued 25 August 2026

1. IDENTIFICATION**Product Identifiers****Product Name** LR White Accelerator**Other Names** N/A**Product Number(s)** C027**CAS Number** 99-97-8 / 25322-68-3**Recommended use of the chemical and restriction on use**

Laboratory use

Company Details

ProSciTech Pty Ltd

11 Carlton Street

KIRWAN QLD 4817

Australia

(07) 4773 9444

pst@proscitech.com

proscitech.com.au

Emergency Contact Details

ProSciTech Pty Ltd

11 Carlton Street

KIRWAN QLD 4817

Australia

(07) 4773 9444

pst@proscitech.com

proscitech.com.au

2. HAZARDS IDENTIFICATION**Classification of the substance or mixture**

GHS06 skull and crossbones

Acute toxicity - oral 3

H301 Toxic if swallowed.

GHS08 Health hazard

Carcinogenicity 2

H351 Suspected of causing cancer.

Specific target organ toxicity (repeated exposure) 2

H373 May cause damage to the blood system and the respiratory tract through prolonged or repeated exposure.

GHS07

Acute toxicity - inhalation 4

H332 Harmful if inhaled.

Flammable liquids 4

H227 Combustible liquid.

Eye irritation 2B

H320 Causes eye irritation.

Label Elements**Acute toxicity • Harmful / irritant • Health hazard****Signal Words** None**Hazard Statement(s)**

H301±H311±H331 Toxic if swallowed, in contact with skin or if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Combustible liquid.

Toxic if swallowed.

Harmful if inhaled.

Causes eye irritation.

Suspected of causing cancer.

May cause damage to the blood system and the respiratory tract through prolonged or repeated exposure.

Precautionary Statement(s)

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 If swallowed: Immediately call a poison center/doctor.
 Specific treatment (see on this label).
 Rinse mouth.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 IF exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 Get medical advice/attention if you feel unwell.
 If eye irritation persists: Get medical advice/attention.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Primary route(s) of entry

Not available. Do not eat, drink or smoke when using this product.

Human Health**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical advice/attention.

Ingestion

Immediately call a POISON CENTRE/doctor. Rinse mouth.

Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Skin

Wash with plenty of water.

Environment

Dispose of contents/container in accordance with local/regional/national/international regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS No.	Content (w/w)	Classification
N,N-dimethyl-p-toluidine	99-97-8	30-60%	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT RE2, H373; Aquatic Chronic 3, H412
Polyethylene glycol	25322-68-3	15-40%	-

4. FIRST AID MEASURES**Ingestion**

Do not induce vomiting; call for medical help immediately.

Inhalation

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

Skin Contact

Immediately wash with water and soap and rinse thoroughly.

Eye Contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

Other Information

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Remove breathing equipment only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

5. FIREFIGHTING MEASURES**Suitable extinguishing equipment**

Fire CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

HAZCHEM Not available.

Special protective equipment and precautions for fire fighters

No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

Methods and materials for containment and clean up Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7. HANDLING AND STORAGE

Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosol.
Keep respiratory protective device available.

Conditions for safe storage Store locked up.
Store in a well-ventilated place.
Keep container tightly closed.
Store in a well-ventilated place.
Keep cool.
Protect from heat and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Standards**

Engineering controls No information available.

Personal protective equipment

Eye and face protection Keep away from foodstuffs, beverages and feed.
Goggles recommended during refilling.
Avoid contact with the eyes.

Skin protection Protective gloves are recommended.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.

Body protection Store protective clothing separately.
Immediately remove all soiled and contaminated clothing.

Respiratory protection In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device

9. PHYSICAL AND CHEMICAL PROPERTIES**General information**

Appearance Light yellow liquid

Odour Amine-like

pH Not determined

Vapour Pressure Not determined

Density 5.42 g/cm³ at 20 °C

Boiling Point 90 °C

Melting Point Undetermined

Solubility Not miscible or difficult to mix in water

Specific Gravity of Density Not determined.

Flash Point 76 °C

Flammable (Explosive) Limits	Not determined
Ignition Temperature	Not determined
Formula	Not available

10. STABILITY AND REACTIVITY

Reactivity	No further relevant information available
Chemical stability	No decomposition if used according to specifications
Possibility of hazardous reactions	No dangerous reactions known
Conditions to avoid	No decomposition if used according to specifications
Incompatible materials	No further relevant information available

11. TOXICOLOGICAL INFORMATION

Acute effects	No further relevant information available
Eye contact	No irritating effect
Skin contact	No irritant effect
Ingestion	No further relevant information available
Inhalation	No sensitising effects known
Toxicity and irritation	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Toxic

12. ECOLOGICAL INFORMATION

Ecotoxicity	No further relevant information available
Persistence and degradability	No further relevant information available
Bioaccumulative potential	No further relevant information available
Other adverse effects	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Harmful to fish.

13. DISPOSAL CONSIDERATIONS

General information

Must not be disposed together with household garbage. Do not allow product to reach sewage.
Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

ADG label required	
Class 6.1 Toxic	
HAZCHEM	Not available.
UN Number	UN2810
Proper shipping name	2810 TOXIC LIQUID, ORGANIC, N.O.S. (N,N-dimethyl-ptoluidine)
Transport hazard class	6.1
Packing group	PG III
Environmental hazard	Not applicable.
Special precautions for users	Warning: Toxic substances. Hazard identification number (Kemler code): 60 EMs Number: F-A,S-A Stowage Category: A Stowage Code: SW2 Clear of living quarters.

Additional information

ADG
Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 mL
Maximum net quantity per outer packaging: 1000 mL
Transport category 2
Tunnel restriction code E

15. REGULATORY INFORMATION

Poisons Schedule Number No information available.
Other Information No further relevant information available.

16. OTHER INFORMATION

SDS preparation date 25 August 2026
Comments This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
References EMS: Accelerator SDS <https://www.emsdiasum.com/docs/technical/msds/14385.pdf>
18/11/2020

This Safety Data Sheet (SDS) has been prepared in compliance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice February 2016. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this SDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

... End of SDS ...