

TERRALIFT AUSTRALIA

# Material Safety Data Sheet

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## 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Product name: Activate N 20:1:4  
Company name: Terralift Australia Pty Ltd  
PO Box 558, Drummoyne, NSW 1470  
Tel: 1300 551 944 Fax: (02)4913 5419

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Not classified as hazardous according to the criteria of Worksafe Australia.

Chemical name	CAS number	Proportion
Potassium nitrate	7757-79-1	1-5%
Other non-hazardous ingredients	-	to 100%

Product description: Fine turf fertiliser  
Intended use: For professional use as a turf/garden treatment

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## 3. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use

Classification: None  
Ingestion: Low hazard  
Eye contact: Possible irritation  
Skin contact: Possible irritation  
Skin absorption: Low hazard  
Inhalation: No known hazards provided levels are kept within occupational exposure limits.  
Occupational Exposure Limits: Recommend a total inhalable dust standard for nuisance dust of 10 mg/m<sup>3</sup> as an 8 hour Time Weighted Average.  
Potassium nitrate 10mg/m<sup>3</sup> (Inh) 8hr TWA

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## 4. FIRST AID MEASURES

Accidental over-exposure may require the following actions:

Ingestion: Rinse out mouth with plenty of water and seek medical aid immediately.  
Eye Contact: Irrigate with water thoroughly and seek medical advice.  
Skin Contact: Wash with soap and water. Remove and wash contaminated clothing.  
Inhalation: Remove to fresh air and seek medical aid.

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## 5. FIRE FIGHTING MEASURES

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Not flammable. May produce fumes if heated. May intensify a fire and the risk of explosion.

Protection of fire fighters: Use personal protective equipment and breathing apparatus.

Additional information: Drench with water if fumes emitted. Do not breathe fumes. Use water, water spray, dry powder, foam, sand or earth.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to Section 8 (Exposure controls/personal protection). Spilled material may cause surfaces to become slippery in damp conditions.

Environmental precautions: Prevent material or washings entering water courses

Clean-up method: Sweep up spills carefully to minimise dust/spread of material. Transfer to heavy-duty plastic bags or drums and keep safe for disposal.

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## 7. HANDLING & STORAGE

Store in original containers, tightly closed in a secure, well ventilated, dry area.

Shelf life: 2 years

Product packaging: 20 kg polythene bags

Special precautions: None

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Not required unless working in a confined space. If exposure is likely to exceed OEL concentrations, use a combination particle/vapour filter mask (minimum 10 times OEL)

Hand protection: Protective gloves recommended

Eye protection: Not required

Skin protection: Suitable work wear

Work / Hygienic practices: Wash hands before eating or drinking

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical state: Homogenous granule

Appearance / odour: Brown, light odour

pH: 6.5 – 7.2

Flash point: Not applicable

Flammability: Non flammable

Explosive behaviour: Not applicable

Oxidising properties: Non-oxidising

Vapour pressure: No data available

Specific gravity: 900g/l

Water solubility: Mostly soluble

Other data: None

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## 10. STABILITY & REACTIVITY

Stable under normal storage conditions.

Conditions to avoid:	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible with:	Oxidising and combustible materials
Hazardous decomposition products:	No decomposition if stored normally. If involved in a fire, oxides of nitrogen will be evolved.

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## 11. TOXICOLOGICAL INFORMATION

Ingestion:	No toxic effect expected. May cause nausea or irritation to digestive system.
Skin contact:	Not considered to be toxic by skin contact
Eye contact:	Irritation to eyes may occur

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Material is not toxic to the environment
Mobility:	Partially soluble
Persistence and degradability:	Unlikely to accumulate in the environment
Bio accumulative potential:	Low
Other adverse effects:	None

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## 13. DISPOSAL CONSIDERATIONS

Dispose of waste through a waste disposal contractor in accordance with local laws.

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## 14. TRANSPORT INFORMATION

Not classified as dangerous for transport

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## 15. REGULATORY INFORMATION

Hazard code:	Not classified as dangerous for supply
Registration Number:	Not applicable

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## 16. OTHER INFORMATION

The information given in this publication should be considered a guide only, and not a warranty or representation for which we assume a legal responsibility. It is the responsibility of the user to determine the accuracy and applicability of such information and the suitability of any product for its own particular purpose. The buyer and user assume all risk and liability of storage conditions or locally applicable laws or government regulations.

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