

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ADGIBB LS1373

Synonyms: Growth Regulant

Use: Plant Growth Regulator.

Supplier: Advance Chemicals

ABN: 61 005 625 025

Street Address: 4 – 8 Malton Court, Altona, 3018

Telephone Number: (03) 9398 4444

Emergency Telephone: Ted Powell

(03) 9398 4444 (Business Hours)

0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:

Flammable Liquid – Category 2

SIGNAL WORD: DANGER



Hazard Statement(s):

H225 – Highly flammable liquid and vapour.

Precautionary Statement(s):

Prevention:

P210 – Keep away from ignition sources – No smoking.

P233 – Keep container tightly closed.

P240 – Ground/Bond container and receiving equipment

P241 – use explosion – proof equipment when handling this product.

P242 – Use only non-sparking tool.

P243 – Take precautionary measures against static discharge.

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P280 - Wear protective gloves/eye protection/ face protection.

Response:

P301 + P361 +P353 – IF ON SKIN (or hair): remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370 + P378 – In case of fire use alcohol resistant foam, Dry Chemical, CO₂ or water fog.

Storage:

P405 – Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with local waste management authority.

Poison Schedule (Australia): None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Ethanol	64-17-5	70 – 100%	H225
Gibberellic Acid	77-06-5	10%	

4. FIRST AID MEASURES

Inhalation: Available data indicates that this product is not harmful. First aid is not required.

Skin Contact: No specific health data is available for this product. If any unusual symptoms become evident, seek medical attention.

Eye Contact: Flush contaminated eye or eyes with lukewarm water for 5 minutes. Seek medical attention.

Ingestion: Do NOT induce vomiting. Wash mouth with water and seek medical attention.

5. FIRE FIGHTING MEASURES

Specific Hazards: Vapour may form explosive mixtures with air, and may accumulate in sumps, pits and other low lying spaces, forming potentially explosive mixtures.

Fire fighting advice: Recommended personal protective equipment is full fire kit and breathing apparatus.

Fire Extinguishing Media: Alcohol resistant foam, water spray.

Hazchem Code: 2YE

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Flammability: Flammable liquid.

6. ACCIDENTAL RELEASE MEASURES

Shut off all possible sources of ignition. Consider using water spray to disperse any vapour formed. Clear area of all unprotected personnel. Warn occupants downwind. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain using sand, soil – prevent run off into drains and waterways. Use absorbent (soil, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

If contamination of sewers or waterways has occurred advise the necessary authorities. NOTE: Addition of large amounts of water (at least 10 times) can convert spills to non-flammable solutions.

7. HANDLING AND STORAGE

Handling advice: Use in well ventilated areas away from ignition sources. Minimise quantities kept in work areas.

Storage advice: Store separately from oxidising agents. Store in the closed, original container in a well ventilated area, as cool as possible. Do NOT store for prolonged periods in direct sunlight.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: None assigned.

Engineering Controls: Not needed.

Personal Protection Equipment: None needed. If hands are exposed to product for long times, neoprene gloves can be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Boiling Point: 78°C AT 100 kPa

Melting Point: Not determined

Flash Point: 10°C

Vapour Pressure: approx. 0.96 mmHg

Vapour Density (Air = 1): >1

Flammability Limits: Flammable liquid

Specific Gravity: 0.844

pH (1% solution): Not applicable

Solubility in water: Soluble in water

Corrosiveness: Not corrosive.

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container in a well ventilated area, as cool as possible.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: There is no data to indicate any particular target organs.

Eye: There is no data to indicate any particular target organs.

Skin: There is no data to indicate any particular target organs.

Inhaled: There is no data to indicate any particular target organs.

Chronic: There is no data to indicate any particular target organs.

12. ECOLOGICAL INFORMATION

This product is biodegradable. It will not accumulate in the soil or water.

13. DISPOSAL CONSIDERATIONS

There are no special procedures to dispose of this product.

14. TRANSPORT INFORMATION

UN Number: 1170

Proper Shipping Name: ETHANOL SOLUTION

Dangerous Goods Class: 3

Subsidiary risk: N/A

Packing Group: II

Hazchem Code: 2YE

Road and Rail Transport: Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.



15. REGULATORY INFORMATION

Classification of the substance or mixture:

Flammable Liquid – Category 2

SIGNAL WORD: DANGER



Hazard Statement(s):

H225 – Highly flammable liquid and vapour.

Poisons Schedule: None allocated.

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS cannot anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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