

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

Product name: pH Test Kit. Packaged in 30ml dropper with nipple that restricts flow. Bottle design and volume minimizes health and other risks.

Use: For determining pH of soil and water

Company: Floragarden Wholesale

Address: PO Box 173, Applecross, WA 6953, AUSTRALIA.

Telephone Number: (+61) 0411-297-030

Emergency Telephone Numbers: (+61) 0411-297-030

2. Hazards identification

Non dangerous good.

Classified as non-hazardous according to NHOSC criteria

Safety phrases:

S2 - Keep out of reach of children.

Risk phrases:

Toxicological properties not fully investigated. May be harmful if swallowed.

Chronic:

Allergic reactions have occurred with similar compounds.

3. Composition/information on ingredients

A liquid pH indicator containing:

Chemical Name	CAS	Conc W/V
Ethanol	64-17-5	40%
Water	7732-18-5	to 100%
Other ingredients deemed not to be hazardous	Not disclosed	0.2% W/V

4. First-aid measures

30ml dropper (flow restrictive nipple) packaging volume & design minimizes risk of accidental health risks.

For advice contact a Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Swallowed: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. Rinse mouth thoroughly with water. Do not induce vomiting. If victim can swallow give large quantities of water to dilute material in stomach. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Repeat administration of water. Obtain medical attention immediately.

Eye: If this product comes in contact with eyes, hold open and wash with running potable water for at least 15 minutes. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical attention.

Skin: If this product comes in contact with skin, wash skin with soap and water. Remove contaminated clothing and footwear & wash before reuse.

Inhaled: Not applicable with normal use.

Advice to doctor: Treat symptomatically.

5. Fire fighting measures

30ml dropper (flow restrictive nipple) packaging design & volume minimizes risk and consequence of fire.

Fire / Explosion: The content of this product is flammable. Product not flammable under conditions of use.

Flammability: Flammable.

Extinguishing Media: Flood with water to dilute ethanol & render non flammable, CO₂, foam, or dry chemical powder.

6. Accidental release measures

30ml dropper (flow restrictive nipple) packaging design & volume minimizes risk & consequence of spills.

Spills: Remove sources of ignition. Mop up with inert dry material. Avoid contact with spilled material.

Disposal. Place material containing spill in appropriate waste container.

7. Handling and storage

Always store in original, capped container with nipple in place - as purchased. Avoid contact with skin, eyes and clothing. To preserve integrity of product, store in a cool, dark place away from ignition sources.

8. Exposure controls/personal protection

30ml dropper (flow restrictive nipple) packaging design & volume minimizes risk & consequence of accidental misuse.

Respiratory protection: Not a hazard in normal use. No special precautions required.

Hand: Not a hazard in normal use. No special precautions required.

Eyes: Not a hazard in normal use. No special precautions required.

Clothing: No special precautions required.

9. Physical and chemical properties

Appearance: Brown liquid with alcohol odour.

Melting Point: -23°C

Boiling Point: < 100°C

Vapour Pressure: unknown

Specific Gravity: 0.9

Flashpoint: 26°C

Flammability Limits: unknown

Solubility in Water: Soluble in all proportions

pH: Neutral

Corrosiveness: non corrosive

10. Stability and reactivity

Chemical Stability: Stable under normal conditions of use. Does not react chemically or otherwise with Flairform "Conditioner" product supplied together with this product in Flairform Soil and Water pH Test Kit.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials: Strong oxidising agents.

Hazardous Decomposition Products: Burning produces carbon monoxide and carbon dioxide.

11. Toxicological information

Estimated values: Oral LD50 RAT: >5,000 mg/kg, Dermal LD50 RABBIT: >2,000 mg/kg

Carcinogenicity: Solutes may be carcinogenic.

Epidemiology: No data available.

Impact on Human fertility: No data available.

Neurotoxicity: No data available.

Impact on genetic mutation: No data available.

12. Ecological information

No ecotoxicity information available. Small 30ml package volume and design achieves minimal potential eco risk.

13. Disposal considerations

Observe local legislation.

14. Transport information

Classified as Non Dangerous Good by the criteria of the Australian Dangerous Goods Code (ADG Code 7.3) for Transport by Road and Rail. *The small 30g volume and packaging design of this product exempts it from the provisions of Australian Code for Transport of Dangerous Goods, Code 7.3 for safe transport by air – under regulation 1.1.6, 1.1.7 or 1.1.8(See P3 of Code)*

Not subject to ADR/IATA/IMDG codes.

15. Regulatory information

Poisons schedule: No Poisons Schedule number allocated

Packaging: No special packaging or labeling requirements.

16. Other information

Contact Points

Andrew Taylor

Floragarden Wholesale: PO Box 173, Applecross, WA 6953, AUSTRALIA.

Mobile (+61) 0411-297-030 Email: sales@flairform.com

DISCLAIMER

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible.