

Material Safety Data Sheet

Potassium Humate PH18

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by Van Schaik's Bio Gro in accordance with Worksafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. Van Schaik's Bio Gro will issue a new MSDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. Van Schaik's Bio Gro will not accept any responsibility for any changes made to its MSDS in content by any other person or organisation.

Statement of Hazardous Nature

Not classified as hazardous according to criteria of NOHSC

Identification

Product Name:	Potassium Humate PH18
UN Number:	none allocated
Dangerous Goods Class:	none allocated
Subsidiary Risk:	none allocated
Hazchem Code:	none allocated
Poisons Schedule Number:	none allocated
Use:	Liquid Potassium Humate for use as a fertiliser, soil conditioner and plant growth stimulant.

Physical Description/Properties:

Appearance:	Dark brown liquid
Odour:	Typical earthy odour
Boiling Point:	100° C (water only)
Melting Point:	not applicable
Vapour Pressure:	not applicable
Flashpoint:	non flammable
Specific gravity (water=1)	1.12
Molecular weight:	not applicable
Solubility in water:	100% soluble
pH:	11.2 – 11.4

Ingredients:

Potassium humate derived from sedge peat containing 18% or better (wt/vol) concentrations of soluble humate and fulvate (i.e. humic and fulvic acids).

Health Hazard Information

Acute health effects:

Swallowed:

Discomfort from swallowing large amounts may be alleviated by vomiting or drinking large volumes of water or milk. Swallowing a small amount usually requires no treatment other than drinking water or milk.

Eye:

Irrigate with copious quantities of water. No eye injury should be expected. If irritation continues seek medical attention.

Skin:

Wash off with water as soon as convenient. Follow normal sensible hygiene practices.

Inhaled:

Not Applicable

Chronic health effects:

No chronic health effects are known to have occurred from long term exposure to potassium humates.

First Aid:

Swallowed:

Give large quantities of water or milk to dilute.

Eyes:

Irrigate with copious quantities of water. If eye irritation continues, seek medical attention.

Skin:

Wash off thoroughly with water as soon as convenient.

Inhaled:

Not Applicable.

Advice to Doctor:

Treat symptomatically.

Precautions for use

Exposure Standards

Worksafe Australia Exposure Standard:

Not classified as hazardous according to criteria of Worksafe Australia

Van Schaik Bio Gro Pty Ltd recommendation:

Very stable under normal temperatures and light conditions

Engineering controls:

All work with these products should be carried out in such a way as to avoid skin contact as product can stain skin, clothing, paths etc.

Respiratory protection:

Not required.

Skin Protection:

Not normally required unless prolonged contact is unavoidable

Eye Protection:

Not normally required. If eye contact occurs, irrigate with copious quantities of water

Flammability:

Not flammable.

Safe Handling Information

Storage and transport:

Store at ambient temperatures, no special requirements for transportation

Spills and disposal:

Wash and dilute with water. Spillage can be slippery, dispose of diluted waste onto lawns, gardens etc.

Fire/explosion hazard:

Not applicable.

Smoking:

Van Schaik's Bio Gro recommends that all work areas should be non-smoking areas.

Labelling Requirements

Shake well before use
Use within 24 hours of mixing

RISK:

Do not mix with other plant foods, pesticides etc without prior testing for compatibility.

SAFETY:

Minimise skin contact and spraying onto paths and buildings

FIRST AID:

If eye contact is made, irrigate with copious quantities of water.

DISPOSAL:

Dilute with water and apply to lawns and gardens.

MANUFACTURER:

Van Schaik's Bio Gro Pty Ltd.

Contact Point

Further information may be obtained by contacting Van Schaik's Bio Gro by:

Postal Address

PO Box 8061
Mount Gambier East SA 5291

Phone (08) 8724 5555 **Facsimile:** (08) 8724 5532

Emergency Telephone:

Poisons Information Centre: 13 1126

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