



MATERIAL SAFETY DATA SHEET

COMPANY IDENTIFICATION

Manufacturer: Aongatete Coolstores Ltd
Address: 2380 State Highway 2, RD2, Katikati, New Zealand
Telephone: (07) 552 0916
Fax: (07) 552 0671

PRODUCT IDENTIFICATION

Product Name: Hi PK
UN Number: None
Sub Class: None
Packaging Group: None

Class: None
Hazchem Code: None
Poisons Schedule: None

Physical Description/Properties

Appearance: Clear, colourless, water like liquid with a bland odour and a slightly oily feel

Areas of Use: As a fungicide in agriculture for the control of oomycetes diseases

| | | | |
|---------------------------|--------------|-----------------------------|---------------|
| Boiling Point: | approx 100 c | Flash Point: | not measured |
| Vapour Pressure: | not measured | Flammability: | not flammable |
| Specific Gravity: | approx 1.36 | Solubility in Water: | complete |
| pH concentrate: | 6.0 - 6.8 | pH dilution: | |
| Percent Volatiles: | approx 55% | Evaporation Rate: | same as water |

| Ingredient | CAS Number | Proportion |
|------------------------|------------|------------|
| Phosphorous Acid Flake | | |
| Potassium Hydroxide | | |
| Water | | |

HEALTH HAZARD INFORMATION

Exposure effects to product:

Swallowed

Will cause irritation of the intestinal tract.

Eye Contact

Will cause irritation and reddening of the eyes.



Skin Contact

Mild irritant, with irritation increasing with longer exposure. Not readily absorbed through the skin.

Inhalation

Not expected to cause irritation unless exposed for long periods.

FIRST AID TREATMENT

Swallowed

If swallowed do not induce vomiting. Remove any material in the mouth. Give water and seek medical advice. If patient does vomit give more water.

Eyes

Irrigate with water for 15 minutes and see a doctor. Ensure the eyelids are held open.

Skin

Remove contaminated clothing and wash affected areas with water. If irritation persists see a doctor.

Inhaled

Remove from source of product and apply artificial respiration if not breathing. Ensure that patient is comfortable.

Advice to Doctor

Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards

No exposure standards have been set for this product. Use sensible work practices that reduce operator exposure to the product.

Personal Protection

PVC or Rubber Gloves are recommended when handling the product at the concentrate stage. Goggles or a face shield are recommended to protect the operator from splashing when preparing the product at end dilution. A respirator is recommended when using the product for spray applications.

Engineering Control

Ensure that adequate ventilation is provided. Avoid spraying product in high wind situations. Ensure that spray equipment is in good working order.

Flammability

The product does not burn.



SAFE HANDLING INFORMATION

Storage and Transport

When not being used the product containers should be stored upright and secured with the original closure. If transfer to another container becomes necessary ensure the container is clearly labelled, the container is of a type suitable for the product and is clean and free of other materials. Do not store near high heat sources. Do not store near oxidants. Product is not classified for transport, so may be transported with other products. Contact the Technical Services Department for advice regarding other products that may be incompatible.

Spills and Disposal

Small spills of the concentrate should be rinsed with plenty of water to ensure that the material is diluted to low concentrations. Where large spills are encountered the soil into which the material has spilled should be collected and disposed of in areas where it will not affect any local waterways. Rinse the area with water.

Fire/Explosion Hazard

Product does not burn, so use an extinguisher type applicable to fire source. Exposure to high heat sources may cause decomposition of the product and the release of irritating fumes including PO????

Dispensing

Always clean and dry equipment to dispense the product. Pumps should be cleaned before and after use. All dispensers should be washed out after use.

ADDITIONAL INFORMATION

Further information may be obtained by contacting Aongatete Coolstores Ltd on (07) 552 0916 during office hours (8.00 am to 4.30 pm EST) or 021 756 016 or 025 164 9234 after hours.

The information supplied on this Material Safety Data Sheet has been compiled from information available to our company at the time of preparation. It is, to the best of our knowledge, up to date and accurate. No warranty express or implied is given.