

MATERIAL SAFETY DATA SHEET

Date of Issue: 14/01/2008

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Work safe Australia. This product becomes non-hazardous at concentrations below 3.3%.

COMPANY DETAILS

Company Jaegar Australia
Address: 2/9 Tower Cart, Noble Pk 3174
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IDENTIFICATION

PRODUCT NAME: PERATEC Fungicide

Other Names:

Manufacturer's Code: Peratec Fungicide

Un No: 3149

Dangerous Goods Class: 5.1

Subsidiary Risk: 8

Packaging Group: II

Hazchem Code: 2P

Poisons Schedule: 5

Use: Fungicide for the control of Grey mould/Bunch rot(Botrytis spp) on grapevines prior to harvest.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance Clear Colourless Liquid.
Boiling Point Not Applicable
Vapour Pressure Not Determined
Vapour Density (Air = 1) Not Determined
Specific Gravity 1.13 gm/cc @ 20°C
Flash Point (Deg C.) Not Combustible
Melting Point Below -30°C
Solubility in water completely miscible
Temperature SADT (Deg. Celsius) CA/ 60°C

Other Properties:

Corrosiveness: Corrosive to most metals.
Reactivity: Contact with combustible material may cause fire

PH (undiluted): 1.0

INGREDIENTS

Chemical name and CAS No as defined by the NOHSC Code 1008 list all hazardous substances. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous".

CHEMICAL NAME	CAS NO	PROPORTION
Peroxy Acids	Proprietary	<10%
Hydrogen Peroxide	7722-84-1	<25%
Acetic Acid	64-19-7	7.5%
Stabiliser		< 1%
Water	7732-18-5	Balance

HEALTH HAZARD INFORMATION

Health Effects

Acute:

SWALLOWED: Corrosive if swallowed. May burn the mouth, gullet and stomach. If swallowed, decomposition may occur in the stomach leading to the production of oxygen gas, this may cause distension of stomach. Possibility of some bleeding occurring.

EYE: Corrosive. May cause damage to the cornea, which may affect vision if immediate first aid is not taken. Vapour may cause irritation.

SKIN: Corrosive. May cause delayed chemical burns. In some cases, transient whitening of the affected area may occur.

INHALED: Irritating to respiratory tract. Possibility of development of fluid in the lungs with severe exposure.

FIRST AID

SWALLOWED: Contact a Doctor or Poisons Information Centre. Do NOT induce vomiting. Give a glass of water.

Repeat if vomiting occurs. If the patient is not fully conscious do not give anything by mouth.

EYE: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Get urgent medical attention.

SKIN: Remove contaminated clothing and wash skin thoroughly with water.

INHALED: Remove from contaminated area.

First Aid Facilities: Eye wash. Fresh water.

Advice to Doctor: Acidic product. Ulceration could be delayed so for eye contact or ingestion, patient should be re-checked.

PRECAUTIONS FOR USE

EXPOSURE: Exposure standards TWA represent the time weighted average air borne concentration of a substance over an eight hour day, for a five day working week, over an entire working life which, according to current knowledge should neither impair the health of, nor cause undue discomfort to nearly workers. They are guides only and do not represent 'no effect' levels which guarantee protection to every worker.

Worksafe Australia has established exposure standards for the following ingredients:

Hydrogen Peroxide	1.4mg/m3
Acetic Acid	25mg/m3

ENGINEERING CONTROLS: Ensure ventilation is adequate to maintain air concentrations below exposure standards and as low as is reasonably practicable. While good natural ventilation may be adequate in most cases, local exhaust ventilation may be required.

PERSONAL PROTECTION: Avoid contact with the skin and eyes. Avoid breathing its mist. Wear face shield, chemical goggles or safety glasses should be worn at all times while handling. Eye protection should comply with AS 1337 and be selected and used in accordance with AS 1336 overalls or apron and protective footwear. Wear natural rubber, neoprene, nitrile or PVC gloves when using undiluted product. If risk of inhalation of spray mists exists, wear respiratory mask meeting the requirements of AS 1715 and AS 1716.

FLAMMABILITY: Not flammable or combustible

SAFE HANDLING INFORMATION

Storage and Transport: Dangerous Goods Class 5.1. Subsidiary Risk 8 Packaging Group II – must be stored and transported in accordance with State or Territory dangerous goods regulations.

Spills and Disposal: Absorb on vermiculite or similar absorbing material and collect in drums. Small spills may be flushed away with water.

Fire/Explosion Hazard: Use water fog, foam or dry agent danger of violent reaction or explosion. Wear Full body protective clothing with breathing apparatus and protective gloves. Dilute. Wash to drain with large quantities of water. Consider evacuation.

OTHER INFORMATION:

The Time Weighted Average (TWA) quoted above is the Work safe Adopted National Exposure Standard for the average airborne concentration when calculated over a normal eight-hour working day, for a five-day working week. This MSDS is valid for five years from date of issue. As per the Work safe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application. **CONTACT POINT:** General Manager (0408 347 425) Office:0397691788