



DAVID GRAY & CO PTY LIMITED

A.C.N. 008 671 127

2 Rawlinson Street O'Connor PO Box 2084 Palmyra DC

Western Australia 6961

Ph (08) 9337 4933 Fax (08) 9337 8316

Emergency Telephone Number (08) 9337 4933 (During Office Hours)

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Page 1 of 4

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME: **Harrisons Fish Emulsion**

OTHER NAMES: Fish Emulsion Fertiliser
MANUFACTURERS CODE: 00002 (500ml), 00001 (1lt), 00003 (4lt), 00004 (20lt)
PROPER SHIPPING NAME (ADG Code): Not applicable
UN NUMBER: Not applicable
DANGEROUS GOODS CLASS: Not applicable
SUBSIDIARY-RISK: Not applicable
PACKAGING GROUP: Not applicable
HAZCHEM CODE: Not applicable
POISONS SCHEDULE: Not applicable
USE: A complete and balanced water-soluble plant food for use on house plants, trees and shrubs, vegetables, fruit trees and lawns as per label directions.

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE: Brown liquid, mild fish-like odour
MELTING POINT: Below 0°C
BOILING POINT: Above 100°C
VAPOUR PRESSURE: 760mm/Hg @ 100°C (Water)
SPECIFIC GRAVITY: 1.0 – 1.1
FLASH POINT: Not flammable
FLAMMABILITY LIMITS: Not flammable
SOLUBILITY IN WATER: Readily miscible in water
CORROSIVENESS: Water based – slightly corrosive
pH: 3.8 – 4.2

INGREDIENTS

| CHEMICAL NAME | CAS.NO. | PROPORTION |
|---------------------------------------|---------|------------|
| Fish Silage containing trace elements | | 100% |

HEALTH HAZARD INFORMATION**HEALTH EFFECTS****HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):**

Not classified as hazardous in accordance with Worksafe criteria

RISK PHRASES:

Not applicable

SAFETY PHRASES:

Not applicable

GENERAL:

Product is based on natural fish and is not considered hazardous. Low pH and solid content may be slightly irritating to eyes.

ACUTE**SWALLOWED:**

Not toxic but may cause nausea.

EYE:

Low irritant, avoid eye contact.

SKIN:

Not harmful.

INHALED:

Not harmful.

CHRONIC:

Not harmful.

FIRST AID**GENERAL:**

Administer basic first aid. If symptoms persist, seek medical attention.

SWALLOWED:

Induce vomiting, preferably using IPECAC Syrup.

EYE:

Rinse thoroughly with water. If irritation persists, seek medical attention.

SKIN:

Wash with soap and water.

INHALED:

If patient is overcome by odour, remove them to fresh air.

FIRST AID FACILITIES:

Soap, water and eyewash facilities

ADVICE TO DOCTOR:

Treat symptomatically

PRECAUTIONS FOR USE**EXPOSURE STANDARDS:**

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)

No exposure standard for this product

Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

ENGINEERING CONTROLS:

Use in a ventilated area

PERSONAL PROTECTION:

Not required

FLAMMABILITY:

Not flammable

SAFE HANDLING INFORMATION**STORAGE**

Store in a cool area out of direct sunlight

TRANSPORT

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SPILLAGE

Dilute with water. A spill may create a slippery surface. Apply absorbant such as sand to absorb liquid.

DISPOSAL

Disposal of contaminated material must be done in accordance with State and/or Local regulations. Dispose of the empty containers by placing in rubbish or at a local authority landfill. Do not burn empty containers or product. Do not allow containers, spray or washings to contaminate drains, sewers, streams, ponds or any waterway.

FIRE/EXPLOSION HAZARD

Not flammable. If stored incorrectly product may putrefy and gas causing the bottle to expand. Carefully release pressure by slightly loosening cap and use or dispose of the product.

HAZARDOUS DECOMPOSITION PRODUCTS:

None

FIRE FIGHTING EQUIPMENT:

Water, foam carbon dioxide or dry chemical powder

OTHER INFORMATION

Harrisons Fish Emulsion CONTACT POINT

Page 4 of 4

TITLE: Chemist

TELEPHONE NUMBER: (08) 9337 4933

AUTHORISED:

DATE: 20.01.2010

NOTICE:

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered to be accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein.

No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to make any alterations to this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.