



# 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)

Date of Issue: January 2010

Page 1 of 4

## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

**PRODUCT NAME:** Gro Natural Fish Emulsion

**OTHER NAMES:** Fish Emulsion Fertiliser  
**MANUFACTURERS CODE:** 11002 (12x500mL), 11004 (6x2lt Cask), 11005 (6x2lt Cask), 11006 (6x2lt Refill), 11007 (6x2lt Spray), 11008 (1x10lt), 11010 (1x20lt), 11098 (1x200lt).

**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:** An organic liquid fertiliser for use on lawns and gardens 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:** 3.2 - 4

### 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:**

Give glass of water and seek medical attention.

**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****CONTACT POINT**

**TITLE:** Technical Department  
**TELEPHONE NUMBER:** (08) 9337 4933  
**AUTHORISED:** **Technical Department**  
**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.