DAVID GRAY & CO PTY LIMITED
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Emergency Telephone Number (08) 9337 4933 (During Office Hours)

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME: David Grays Fish Emulsion

OTHER NAMES:	Fish Emulsion Fertiliser
MANUFACTURERS CODE:	09851 (12x500ml), 07545 (6x1lt)
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, pot plants, African Violets, ferns, outdoor 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 $0^{O}C$
BOILING POINT:	Above $100^{O}C$
VAPOUR PRESSURE:	760mm/Hg @ $100^{O}C$ (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:
May be harmful if swallowed. May cause nausea

EYE:
May irritate the eyes due to foreign matter content and acidic pH. Avoid eye contact

SKIN:
Not considered harmful but avoid contact.

INHALED:
May cause irritation if spray mist is inhaled. Avoid inhalation.

CHRONIC:
Not considered harmful if used in accordance with instructions given.

FIRST AID

GENERAL:
Administer basic first aid. If symptoms persist seek medical attention.

SWALLOWED:
Give a glass of water to drink and seek medical attention.

EYE:
Rinse thoroughly with water for at least 15 minutes. 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:	**Celine Schnell**
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.