



## HYDRETAIN

### Material Safety Data Sheet

Issue Date: January 2006

Statement of Hazardous nature:

“Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission”

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#### Company Details

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#### Identification

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Product Name:	Hydretain.
Product Code:	OCP 003 /4
Chemical Description:	Compound of polysaccharides and organic salts and surfactants in water solution.
UN Number:	None allocated.
Dangerous Goods Class:	Not a dangerous good.
Hazchem Code:	None allocated.
Poisons Schedule:	Not scheduled.

CAS RN:	None allocated.
NIOSH:	None allocated.
DG Class:	None allocated.
EPG:	None allocated.
IMDG Code - Page:	None allocated.
IMO:	None allocated.

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**Use**

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Major Use:	A soil humectant to reduce water use in agricultural and horticultural crop situations.
Application:	Use with surface spray and then watered in.

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**Properties**

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Appearance:	Blue-green. Mixes with water in any quantity.
Boiling Point:	Not applicable (decomposes). Does not polymerise.
Vapour Pressure:	Not applicable.
Flammability:	Non-flammable.
Corrosion:	Non-corrosive.
PH concentrate:	5.5 - 6.8

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**Ingredients**

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(As proportion of total compound)

Proportion:	Polysaccharides. (organic humectants)	Med (<50.0%)
	Soil conditioners (organic)	Med (<20%)
	Wood sugars and lignosulfonates.	Low (<5.0%)
	Milk fermentation derivatives.	Low (<5.0%)
	Calcium salt humectants.	Med (<10.0%)
	Vegetable colorant.	V.Low (<0.1%)

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**Health Hazard Information**

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Health Effects: May be harmful only if ingested in large quantities.  
Avoid eye contact. Not generally harmful.

*Acute*

*Swallowed:* Unlikely to be swallowed in harmful quantities.  
Ingestion of large quantities may cause mild diarrhoea.

*Skin:* Leaves a sticky residue if dried on skin.

*Inhaled:* Normally not a hazard.

*Chronic*

No information.

*First Aid*

*Swallowed:* Should pass safely through digestion. Do not induce vomiting - give plenty of water.

*Eye:* Irrigate continuously with water for 15 minutes.  
It is a sensible precaution to seek medical advice.

*Inhaled:* Not applicable.

*Spilled on skin:* If spilled on skin, wash with water.

*Advice to Doctor*

Treat symptomatically.

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**Precautions for Use**

Exposure Standards: No information available.

Personal Protection:

Respirator: Not required.

Glove Type: PVC or rubber gloves.

Eye Protection: Industrial safety glasses.

Clothing: No special protective clothing is required.

Flammability:

Fire Hazards: Not hazardous.

Hazchem Code: Not hazardous.

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**Safe Handling Information**

Storage and Transport: Safe to handle. Indefinite shelf life, subject to container integrity. Do not allow to freeze. (Product may crystallise and be difficult to re-liquefy.) Store in plastic or plastic-lined containers only.

Clean Up and Spills: Non-toxic to aquatic lifeforms. Sweep up and dispose of in landfill according to local rules.

Waste Disposal: Disposal in approved landfill. Do not contaminate any streams, lakes or ponds.

Fire/Explosion Hazard: Non-flammable.

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**Contact Points**

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The MSDS has been developed according to the WORKSAFE Australia / NDHSC Code of Practice.