



**HYDRETAIN PLUS Water Saver
and
HYDRETAIN TURF Water Saver**

Material Safety Data Sheet

Issue Date: January 2001

Statement of Hazardous nature:

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

Company Details

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Identification

Product Name:	Hydretain Plus/Turf Water Saver.
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.

Use

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

Properties

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

Ingredients

(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%)

Health Hazard Information

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.

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.

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.

Contact Points

Contact:	Dr D V Clark
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The MSDS has been developed according to the WORKSAFE Australia / NDHSC Code of Practice.