

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Nature:	Guar Gum		
Trade Name:	HYDROGEL		
SUPPLIER:	Aquatic Technologies		
ADDRESS:	41 Yazaki Way Carrum Downs VIC 3201, Australia		
TELEPHONE	+61 3 9071 2442	FAX:	
Substance:	Powder	Product Use:	Binding agent. To be used in conjunction with AQ200 Aquatic Herbicide only
This version issued:	December 2019	Up for revision:	December 2024
In case of Emergency:	13 11 26 – Poisons Information Centre		

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
<ul style="list-style-type: none"> This product is classified as NON-HAZARDOUS according to the criteria of NOHSC Australia The product is classified as NON-HAZARDOUS according to GHS This product is classified as NON-HAZARDOUS according to the criteria of Safe Work Australia 	
GHS – GLOBALLY HARMONISED SYSTEM	
GHS Classification	Not applicable
GHS Pictogram	Not applicable
GHS Signal Word	Not applicable
Hazard Statement(s)	
Not applicable	
Precautionary Statement(s)	
While this material is not classified as hazardous, this SDS contains valuable information relating to safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product. Exposure to any chemical should be kept to a minimum. Skin or eye contact may result in irritation. Always follow safe industrial hygiene practices and wear proper personal protective clothing and equipment when handling chemicals.	
Acute Health Effects may include:	
Inhalation:	May cause irritation
EMERGENCY OVERVIEW	
Colour:	Yellowish
Odour:	Not available
Physical Description:	Powder
Major Health Hazards:	None known

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:	PEL/TLV
Guar Gum	9000-30-0	N/A	not set

SECTION 4 – FIRST AID MEASURES

<p>Scheduled Poisons: Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).</p> <p>Inhalation: Move victim to fresh air. Obtain medical attention if symptoms occur.</p> <p>Advice to Doctor: Treat symptomatically</p>
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SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	Not available
Extinguishing Media:	Not available
Flash point:	Not available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Clean up methods:	Small spill – sweep up material and transfer into suitable container. Avoid breathing dust Large spill – wear appropriate PPE. Contain spill and pump into suitable disposal container. If spillage enters waterways, notify appropriate government agencies.
Waste Disposal:	Observe all local, state and federal regulations.

SECTION 7 – HANDLING AND STORAGE

Handling:	Avoid inhaling dust
Storage:	Store at normal temperatures and conditions of warehousing

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**PERSONAL PROTECTION EQUIPMENT (PPE)**

Ventilation:	Local ventilation recommended
Eye Protection:	Not normally required
Skin Protection:	Not normally required
Protective Material Types:	Rubber, Neoprene
Respirator:	Not normally required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Colour:	Yellowish Powder
Odour:	Not available
Boiling Point:	Not available
Freezing / Melting Point:	Not available
Vapour Pressure:	Not available
Vapour Density:	Not available
Specific Gravity:	Not available
Water Solubility:	Slight
pH:	Not available
Flammable Limits:	Not available
Viscosity:	Not available
Evaporation Rate:	Not available

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Considered stable. A mixture of air and finely-divided powder is potentially explosive
Incompatibilities:	Strong oxidising agents
Hazardous Reactions:	None known

SECTION 11 – TOXICOLOGICAL INFORMATION

This product is considered non-toxic and non-pathogenic	
LD50 Rat (oral)	7060 mg/kg ⁻¹
LD50 MUS (oral)	8100 mg/kg ⁻¹
LD50 RBT (oral)	7000 mg/kg ⁻¹
LD50 HAM (oral)	6000 mg/kg ⁻¹

SECTION 12 – ECOLOGICAL INFORMATION

This product is considered non-toxic and non-pathogenic

SECTION 13 – DISPOSAL CONSIDERATIONS

All recovered materials should be packaged, labelled, transported and disposed or reclaimed in conformance with applicable laws and regulations

SECTION 14 – TRANSPORT INFORMATION

Shipping Name: HYDROGEL
Hazard Class: Not applicable
Packaging Group: None allocated

SECTION 15 – REGULATORY INFORMATION

Labeling Details

GHS Classification	NON-HAZARDOUS
CERCLA RQ	Nil
VOC	Nil
SARA 311/312 (Hazard Class – 40 CFR 370.2)	Nil
SARA 313 (Hazard Class – 40 CFR 372.65)	Nil
SARA 313 (Extremely Hazardous Substances)	Nil

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature

Date of Last Revision

AT380v1.0-15/12/18

Acronyms

CAS number	Chemical Abstracts Service Registry Number
CERCLA (RQ)	Comprehensive Environmental Response, Compensation, and Liability Act (Reportable Quantity)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
PEL/TLV	Permissible Exposure Limit / Threshold Limit Value
VOC	Volatile Organic Compounds

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

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END OF SDS