

## Safety Data Sheet according to GHS version 7

Printing date 16.02.2022


Version number 1

Revision: 16.02.2022

### 1 Identification

- **Product identifier**
- **Trade name:** **Omni RHR**
- **Article number:** FFJ006
- **Relevant identified uses of the substance or mixture and uses advised against**  
Used for rootzone hydration regulation
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Company: Omnia Specialities Australia Pty Ltd  
Address: Tramway Road  
MORWELL VIC 3840  
Telephone Number: +61-3 5133 9118  
Facsimile Number: +61-3 5133 9114
- **Further information obtainable from:** [info@omnia.net.au](mailto:info@omnia.net.au)
- **Emergency telephone number:**  
ISS First Response  
+61 3 8796 3688  
AEDT 8 am to 4 pm (AEDT is UTC + 11)

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**  
  
Skin Irrit. 2    H315 Causes skin irritation.  
Eye Irrit. 2A    H319 Causes serious eye irritation.  
Acute Tox. 5    H303 May be harmful if swallowed.  
Aquatic Acute 3    H402 Harmful to aquatic life.

- **Label elements**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
Seaweed extract
- **Hazard statements**  
H303 May be harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H402 Harmful to aquatic life.
- **Precautionary statements**  
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.

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Read carefully and follow all instructions.

Avoid release to the environment.

Wear protective gloves / eye protection / face protection.

IF SWALLOWED: Call a doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/attention.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

	Alcoxylated alcohol	10-30%
	⚠ Eye Irrit. 2A, H319 Acute Tox. 5, H303; Skin Corr. 3, H316; Aquatic Acute 3, H402	
CAS: 68514-28-3 EINECS: 271-030-1	K-HUMATE 26	10-30%
	Acute Tox. 5, H303	
	Seaweed extract	5-10%
	⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319	
	Polyphenols	1-5%
	⚠ Skin Irrit. 2, H315 Eye Irrit. 2B, H320	

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.
- **Other hazards that do not result in classification** None

### 4 First Aid Measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**  
Call for a doctor immediately. Do not induce vomiting. Rinse mouth with water (only if person is conscious).
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** Use breathing apparatus with independent air supply (Isolated)

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### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**

*Wear protective equipment. Keep unprotected persons away.*

- **Environmental precautions:**

*Do not allow product to reach sewage system or any water course.*

*Inform respective authorities in case of seepage into water course or sewage system.*

*Do not allow to enter sewers/ surface or ground water. Should not be released into the environment.*

- **Methods and material for containment and cleaning up:**

*For small spills: Dike and absorb spill with sand or inert material (e.g. sawdust). Shovel into drums for disposal. Flush area with water. Note the floor will be slippery. For large spills: Contain liquid far ahead of spill. Contain spillage and contaminated water for subsequent disposal. Do not flush spilled material into drains. Keep spectators away.*

*Dispose contaminated material as waste according to item 13.*

*Ensure adequate ventilation.*

- **Reference to other sections**

*See Section 7 for information on safe handling.*

*See Section 8 for information on personal protection equipment.*

*See Section 13 for disposal information.*

### 7 Handling and Storage

- **Handling:**

- **Precautions for safe handling** *Ensure good ventilation/exhaustion at the workplace.*

- **Information about fire - and explosion protection:** *Keep ignition sources away - Do not smoke.*

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

*Ensure sufficient ventilation.*

*Store in cool, dry, well ventilated space*

*Ensure storeroom has sufficient quantities of fire fighting water available and that bunds are large enough to contain the fire fighting water*

*Have eye wash stations and safety shower nearby.*

- **Information about storage in one common storage facility:**

*Store away from alkalies or bases or caustic materials.*

*Store away from oxidising agents.*

*Store away from flammable substances.*

*Store away from acids*

- **Further information about storage conditions:** *Protect from heat and direct sunlight.*

- **Specific end use(s)** *No further relevant information available.*

### 8 Exposure controls and personal protection

- **Additional information about design of technical facilities:**

*Ensure eyewash stations and safety showers are close to the workstation location.*

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

*The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

- **Additional information:** *The lists valid during the making were used as basis.*

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

*Keep away from foodstuffs, beverages and feed.*

*Immediately remove all soiled and contaminated clothing*

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Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

## 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Liquid
· <b>Colour:</b>	Dark brown
· <b>Odour:</b>	Not specified
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Not determined.

· **Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Vapour pressure:** Not determined.

· **Density:** Not determined.

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· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Fully miscible.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>VOC (EC)</b>	0.00 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
Decompose on heating. Chemical changes as a result of heating - keep temperatures below 70°C.
- **Possibility of hazardous reactions** Possible hazardous reactions with incompatible materials
- **Conditions to avoid** Incompatibles and extreme temperatures
- **Incompatible materials:**  
Flammable substances  
Alkalies, acids and oxidizers
- **Hazardous decomposition products:**  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide and carbon dioxide

## 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

Alcoxylated alcohol

Oral	LD50	>2,000 mg/kg (rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation** Irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Harmful  
Irritant

## 12 Ecological Information

- **Toxicity**

- **Aquatic toxicity:**

Alcoxylated alcohol

EC50 48 h	10-100 mg/l (Aquatic invertebrates)
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EC50 72 h	10-100 mg/l (Aquatic plants)
LC50 96 hours	10-100 mg/L (Fish)

· **Persistence and degradability**

**Alcoylated alcohol**

Biodegradation	>60 % CO <sub>2</sub> (Water) Relative to the theoretical value. Readily biodegradable.
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· **Behaviour in environmental systems:**

· **Bioaccumulative potential**

**Alcoylated alcohol**

Bioaccumulate	(Organisms) Bioconcentration not expected
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· **Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

This product is used as fertiliser. If uncontaminated, reuse as product. If contaminated with other materials, collect in suitable containers and consult with supplier with regards to disposal.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

· **UN-Number**

· **ADG, IMDG, IATA** Void

· **UN proper shipping name**

· **ADG, IMDG, IATA** Void

· **Transport hazard class(es)**

· **ADG, ADN, IMDG, IATA**

· **Class** Void

· **Packing group**

· **ADG, IMDG, IATA** Void

· **Environmental hazards:** Not applicable.

· **Special precautions for user** Not applicable.

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- |   |                 |
|---|-----------------|
| <b>· ERG No.</b>  | Not applicable. |
| <b>· Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| <b>· UN "Model Regulation":</b>   | Void            |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Chemical Substances**

None of the ingredients is listed.

- **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

- **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labelling:**

Seaweed extract

- **Hazard statements**

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H402 Harmful to aquatic life.

- **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Avoid release to the environment.

Wear protective gloves / eye protection / face protection.

IF SWALLOWED: Call a doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/attention.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H302 Harmful if swallowed.

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*H303 May be harmful if swallowed.*

*H315 Causes skin irritation.*

*H316 Causes mild skin irritation.*

*H319 Causes serious eye irritation.*

*H320 Causes eye irritation.*

*H402 Harmful to aquatic life.*

**Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity - oral – Category 4*

*Acute Tox. 5: Acute toxicity - oral – Category 5*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Skin Corr. 3: Skin corrosion/irritation – Category 3*

*Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A*

*Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B*

*Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3*

**\* Data compared to the previous version altered.**

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