Safety Data Sheet
according to the GHS

Date of issue: 03.07.2025 *Version number 1* *Revision: 03.07.2025*

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1 Identification

· **Other means of identification**

· **Trade name: OmniBio Wet**

· **Article number:** DAUP0066
· **Relevant identified uses of the substance or mixture and uses advised against**
For use in the agricultural sector.
· **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
· **Emergency telephone number:**
ISS First Response
+61 3 8796 3688

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2 Hazard(s) Identification

· **Classification of the substance or mixture**

GHS05 corrosion

Eye damage/irritation – Category 1 H318 Causes serious eye damage.

Skin Corr. 3 H316 Causes mild skin irritation.
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**

GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Surfactant
· **Hazard statements**
H316 Causes mild skin irritation.
H318 Causes serious eye damage.
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 label before use.
Avoid release to the environment.
Wear eye protection / face protection.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
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.

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3 Composition and Information on Ingredients

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

· **Dangerous components:**

CAS: 68514-28-3 EINECS: 271-030-1	K-HUMATE 26% Acute Tox. 5, H303	>15-20%
	Nonionic Emulsifier Eye damage/irritation – Category 2A, H319 Acute Tox. 5, H303; Skin Corr. 3, H316; Aquatic Acute 3, H402	>15-20%
	Surfactant Eye damage/irritation – Category 1, H318 Acute Tox. 5, H303; Aquatic Acute 3, H402; Aquatic Chronic 3, H412	5-10%
	Polyphenols Skin corrosion/irritation – Category 2, H315 Eye damage/irritation – Category 2B, H320	>1-<5%

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

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4 First Aid Measures

· **General information:**
Do not leave affected persons unattended.
Show this safety data sheet to the doctor in attendance
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
· **After skin contact:**
Rinse with water immediately.
If skin irritation continues, consult a doctor.
· **After eye contact:**
Rinse opened eye under running water for at least 15 minutes. Get medical attention if irritation persists.
· **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
· **Information for doctor:**
Check for hyperkalemia and treat ECG changes aggressively (ie Kayexelate)
Treat supportive and symptomatically
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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5 Fire Fighting Measures

· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions. Water spray jet, foam. Dry fire-extinguishing substance.
· **Special hazards arising from the substance or mixture**
If liquid boils dry, salts in fire will produce harmful gasses.
· **Protective equipment:** PPE as per section 8.

6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective clothing according to section 8.
· **Environmental precautions:**
Prevent from spreading by e.g. damming in.
Inform respective authorities in case of seepage into water course or sewage system.
· **Methods and material for containment and cleaning up:**
Collect the product mechanically. Deposit in recipient for recuperation.
Uncontaminated spilled material may be reused
Dispose contaminated material as waste according to section 13.
· **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.

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7 Handling and Storage

· **Handling:**
· **Precautions for safe handling** Wear personal protective clothing according to section 8
· **Information about fire - and explosion protection:**
In case of fire, refer to section 5
The product is not flammable.
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Ensure sufficient ventilation and that space is cool and dry. Ensure eyewash station and safety showers is near workstations. Ensure sufficient fire fighting water is available. Ensure containers stay closed.
· **Information about storage in one common storage facility:**
Do not store together with oxidising and acidic materials.
Store away from foodstuffs.
· **Further information about storage conditions:** None
· **Storage class:** 12 Non-flammable liquids in non-flammable packages
· **Specific end use(s)** Agricultural

8 Exposure controls and personal protection

· **Appropriate engineering controls**
Ensure eyewash stations and safety showers are close to the workstation location.
· **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.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Wash hands before breaks and at the end of work.

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Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
Keep out of reach of children
Do not ingest

· **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

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9 Physical and Chemical Properties

· **General Information**	
· **Appearance:**	
· **Form:**	Liquid
· **Colour:**	According to product specification
· **Odour:**	Strong Woodsmoke aroma
· **Odour threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
· **Melting point/freezing point:**	Undetermined.
· **Initial boiling point and boiling range:**	≥100 °C
· **Flash point:**	≥200 °C
· **Decomposition temperature:**	Not determined.
· **Ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Explosion limits:**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.

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· **Vapour pressure:**	Not determined.
· **Density at 20 °C:**	1.05 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
· **water:**	Fully miscible.
· **Partition coefficient: n-octanol/water:**	Not determined.
· **Viscosity:**	
· **Dynamic:**	Not determined.
· **Kinematic:**	Not determined.
· **Solvent content:**	
· **Water:**	51.5 %
· **VOC (EC)**	0.00 %
· **Other information**	
· **Particle characteristics**	Not applicable.
· **Physical state**	Liquid

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10 Stability and Reactivity

· **Reactivity**
Reacts with calcium and divalent cations to form sludge
Reacts with acids to form a sludge
· **Thermal decomposition / conditions to be avoided:** In case of fire, see section 5
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** Incompatibles and extreme temperatures
· **Incompatible materials:** Incompatible with oxidizers, acids, Calcium ions and divalent cations.
· **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

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11 Toxicological Information

· **Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.
· **Primary irritant effect:**
· **Skin corrosion/irritation**
Causes mild skin irritation.
· **Serious eye damage/irritation** Strong caustic effect.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard** Based on available data, the classification criteria are not met.

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12 Ecological Information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
Humic substances are some of the most recalcitrant forms of soil organic matter and may therefore biodegrade only slowly and may also accumulate in soil. As potassium humate is water soluble, it may be mobile and may leach through soil. The presence of clay material or calcium and other divalent cations, is likely to retards its movement.

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· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Ecotoxical 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.

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13 Disposal considerations

· **Waste treatment methods**
· **Recommendation** Disposal according to local/ official/ national regulations.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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14 Transport information

· **UN-Number** · **ADG, IMDG, IATA**	Not Applicable
· **UN proper shipping name** · **ADG, IMDG, IATA**	Not Applicable
· **Transport hazard class(es)** · **ADG, ADN, IMDG, IATA** · **Class**	Not Applicable
· **Packing group** · **ADG, IMDG, IATA**	Not Applicable
· **Environmental hazards:**	Not applicable.
· **Special precautions for user** · **ERG No.**	Not applicable. None
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	Not Applicable

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15 Regulatory information

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

· **Australian Inventory of Industrial Chemicals**	
	Nonionic Emulsifier
	Surfactant
	DE-IONISED WATER
1310-58-3	Potassium Hydroxide

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6100-05-6	Potassium citrate

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

1310-58-3	Potassium Hydroxide	S5, S6, S10

· **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**

GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Surfactant
· **Hazard statements**
H316 Causes mild skin irritation.
H318 Causes serious eye damage.
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 label before use.
Avoid release to the environment.
Wear eye protection / face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
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**
H303 May be harmful if swallowed.
H315 Causes skin irritation.
H316 Causes mild skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H320 Causes eye irritation.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
· **Contact:**
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international 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

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CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 5: Acute toxicity – Category 5
Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2
Skin Corr. 3: Skin corrosion/irritation – Category 3
Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1
Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
Eye damage/irritation – Category 2B: Serious eye damage/eye irritation – Category 2B
Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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