

SAFETY DATA SHEET

SECTION 1

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **David Grays Aqua Wett Liquid**

Other Names: Wetter, non-ionic surfactant / non-ionic wetting agent.
Use: Non-ionic wetting agent for use on domestic gardens and agricultural.
Company: David Gray & Co. Pty Ltd
Address: 2 Rawlinson Street
O'Connor, 6163, Western Australia
ACN/ABN: 73008671127
Telephone Number: 08 9337 4933
Email: general@davidgray.com.au
Emergency Contact: 08 9337 4933

SECTION 2

HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of Safe Work Australia.
Not classified as a Dangerous Good according to the ADG Code.
Combustible Liquid (C2).**

Globally Harmonised System (GHS) classification of the substance/mixture:

Acute toxicity – Oral: Hazard Category 4.
Eye damage/irritation: Hazardous Category 2.
Skin corrosion/irritation – Acute Hazard: Hazard Category 1.

Signal Word: DANGER.

Hazard Statements:

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H315 Causes skin irritation.

Precautionary statements:

Prevention:

P264 Wash hands, arms and face thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment see Safety Directions on the product label.
P330 Rinse mouth.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and Wash before reuse.

Disposal:

P501 Dispose of contents/container in accordance with national regulations

Pictograms:



SECTION 3**COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients:**

CHEMICAL	CAS NUMBER	PROPORTION
Non-ionic Surfactant	160875-66-1	> 50%
Classified as non-hazardous ingredients	N/A	Upto 100%

SECTION 4**FIRST AID MEASURES****FIRST AID**

Ingestion: If swallowed do NOT induce vomiting. Rinse mouth and then drink plenty of water. If swallowed, seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26.

Eye contact: Immediately hold eyes open and flood with plenty of clean water. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical advice if irritation persists.

Skin contact: Wash affected area with running water. Remove contaminated clothing and launder before re-use.

Inhalation: Remove to fresh air and observe until recovered. If effects persist, seek medical advice.

Advice to Doctor: Treat symptomatically.

SECTION 5**FIRE FIGHTING MEASURES**

Specific Hazard: Combustible liquid – flash point 169°C. In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media: Extinguish fire using dry chemical, CO₂, water spray (fog) or foam. If containers are ruptured contain all runoff.

Hazards from combustion products: If involved in a fire will emit oxides of carbon and other toxic fumes. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke.

Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind residents. Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or vapours generated.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Emergency procedures: In the event of a major spill, prevent spillage from entering drains or water courses. Do not touch or walk through spilt material. As a minimum, wear overalls, PVC/rubber gloves, goggles and safety shoes.

In the case of spillage, stop leak if safe to do so, and contain spill. Prevent spillage entering drains or watercourses. Contain and absorb spilled material with absorbent material such as sand, clay, cat litter or material such as vermiculite. Collect recoverable product for use as labelled on the product. Vacuum, shovel or pump contaminated spilled material into an approved container and dispose of waste as per the requirements of Local or State Waste Management Authorities. Keep out animals and unprotected persons.

Material and methods for containment and cleanup procedures: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7**HANDLING AND STORAGE**

Precautions for Safe Handling: Avoid contact with eyes and skin. When using or preparing product for use, wear overalls, PVC/rubber gloves, goggles and safety shoes. After use and before eating, drinking or smoking wash hands.

Conditions for Safe Storage: Store in the closed, original container in a well-ventilated area away from food, drink and stock food. Do not store for prolonged periods in direct sunlight. Store away from oxidising agents. DO NOT re-use container. Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements. Not classified as a Dangerous Good. Store in the closed, original container in a dry, cool, well ventilated area away from children, animals, food, feedstuffs.

SECTION 8**EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines:**

No exposure guideline has been established for this product by Safe Work Australia.

Biological Limit Values:

No biological limit allocated.

Engineering controls:

Keep containers closed when not in use. No special engineering controls are required, however make sure that the work environment remains clean.

Personal Protective Equipment (PPE):

General: When using or preparing product for use, wear overalls, PVC/rubber gloves, goggles and safety shoes. After use and before eating, drinking or smoking wash hands.

Personal Hygiene: Clean water should be available for washing in case of eye or skin contamination. Wash skin before eating, drinking or smoking. Shower at the end of the workday.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear colourless liquid.
Odour:	Low odour.
Boiling point:	No data available.
Freezing point:	No data available.
Specific Gravity:	Approximately 1.
Solubility in Water:	Readily soluble in water.
pH:	Approximately 6 - 8.
Flammability:	Combustible liquid (C2).
Flashpoint (°C):	169°C.
Poisons Schedule:	This product is a not a scheduled poison.

SECTION 10**STABILITY AND REACTIVITY**

Chemical Stability: Product is considered stable in ambient conditions for a period of at least 2 years after manufacture.

Conditions to avoid: Excessive heat will lead to accelerated oxidative degradation.

Incompatible materials: Reacts with strong oxidising agents.

Hazardous decomposition products: When involved in a fire will emit oxides of carbon and other toxic fumes.

Hazardous reactions: Will not polymerise.

SECTION 11**TOXICOLOGICAL INFORMATION**

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure. No LD₅₀ data is available for this product.

Potential Health Effects:**ACUTE EFFECTS**

Swallowed: Direct ingestion of the concentrate may cause irritation to the gastrointestinal tract.

Eye: The concentrate will cause irritation.

Skin: Product is a skin irritant. Will have a degreasing action on the skin.

Inhaled: Inhalation of high concentrations of mist may produce respiratory irritation.

Long Term Exposure:

Chronic toxicity: No information is available but severe chronic effects are not expected.

SECTION 12**ECOLOGICAL INFORMATION**

Environmental Toxicology: 96 hour EC₅₀ (imbalance - Eastern rainbow fish): 9.8 mg/L. Toxic to aquatic organisms. No other data is available.

Environmental Fate: The substance is ultimately biodegradable according to the ISO 14593 test method. No other data is available. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

SECTION 13**DISPOSAL CONSIDERATIONS**

Spills and Disposal: Persons involved in cleanup require adequate skin protection - see section 8. In case of spillage, contain the spill. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. Dispose of material in compliance with relevant Local, State or Territory government regulations. To decontaminate spill area, tools and equipment, wash with water.

Disposal of empty containers: Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

SECTION 14**TRANSPORT INFORMATION**

Road & Rail Transport: This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Marine and Air Transport: Product is not classified as a Dangerous Good according to International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

SECTION 15**REGULATORY INFORMATION**

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is not a scheduled poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. 67008.

SECTION 15 REGULATORY INFORMATION (Continued)

This product is classified as a Hazardous Substance under the criteria of Safe Work Australia.

This product is not classified as a Dangerous Good according to the ADG Code (7th Ed).

This product is not classified as a Dangerous Good according to International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

Special training: Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

SECTION 16 OTHER INFORMATION

Issue Date: 8 June 2021. Valid for 5 years till 8 June 2026. (Updated hazard classification). Key to

abbreviations and acronyms used in this SDS:

ADG Code Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Carcinogen: An agent which is responsible for the formation of a cancer.

Genotoxic: Capable of causing damage to genetic material, such as DNA.

HSIS: Hazardous Substances Information System.

Lacrimation: The production, secretion, and shedding of tears.

Lavage: A general term referring to cleaning or rinsing.

Mutagen: An agent capable of producing a mutation.

Pneumonitis: A general term that refers to inflammation of lung tissue.

PPE: Personal Protective Equipment.

Teratogen: An agent capable of causing abnormalities in a developing foetus.

TWA: The Time Weighted Average airborne concentration over an eight-hour working day, for a five day working week over an entire working life.

Safe Work Australia: Formally known as Australian Safety & Compensation Council (ASCC) which was formally known as the National Occupational Health & Safety Commission (NOHSC).

References

1. "Search Hazardous Substances". Safe Work Australia website.
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.
3. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). United Nations, 2009.

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 should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

End SDS.