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Revision – 4.0

MATERIAL SAFETY DATA SHEET

1. Material and supply company identification

Aqualis H2Oil

Synonyms Decking Oil, Deck Finish, Deck Coating

APPLICATION: Water based timber stain finish coat, suitable for use on all interior/exterior timber decks, furniture, and woodwork.

2. Hazards Identification

Non-Hazardous according to criteria of WorkSafe Australia.

Poisons Schedule : Not Applicable for this product

3. Composition Information

% Composition by wt	0-1	1-10	10-30	30-60	>60	CAS RN	TWA PPM
Butoxy ethanol		X				111-76-2	25
Non-hazardous ingredients					X		

4. First Aid

If poisoning occurs, contact Poisons Information Centre (Australia 131 126)

EYES: Flush eyes with water for at least 15 minutes. Ensure irrigation under both eyelids is achieved. Transport patient to hospital or doctor if required. Do not attempt to remove contact lenses, this should only be undertaken by skilled personnel.

SKIN: Remove contaminated clothing.
Wash affected areas thoroughly with soap and water. If irritation occurs seek medical attention.

INHALATION: Move patient to fresh air away from contamination source and remove contaminated clothing. If irritation persists, seek medical attention.

INGESTION: If swallowed do not induce vomiting. Wash mouth with water. Give water to drink to dilute stomach contents. If vomiting occurs, place victim's head downward, head lower than hips to prevent vomit entering lungs. Seek immediate medical attention.

5. Fire Fighting

FIRE AND EXPLOSION HAZARDS:

Non-Combustible
Hazchem Code: Not Applicable

Extinguishing Equipment:

Water Fog, Water Jet, Foam, Dry Chemical powder, carbon Dioxide

Hazardous Decomposition Products: Carbon dioxide and monoxide.

6. SPILL OR LEAK PROCEDURES

Slip Hazard clean up immediately. Avoid contact with skin and eyes. Wear appropriate safety equipment. Absorb spill with inert material such as sand, vermiculite or other absorbent material. Do not permit spilled material to flow into sewer or natural waterway.

For small spills allow the collected absorbent to dry and dispose of with normal household garbage.

For large spills collect and seal used absorbent material in labelled drums or suitable containers for disposal. Advise local emergency services if contamination of sewer or waterway has occurred. Contact local waste management authority for correct disposal procedure.

7. Storage and Handling

Storage

Store in a cool, dry well-ventilated place and out of direct sunlight. Store cans away from oxidising agents, foodstuffs, and clothing. Check containers regularly for leaks. Keep containers closed securely when not in use.

Handling

Avoid skin contact and inhalation of vapour, mist or aerosols.

8. Exposure Control and Personal Protection

Exposure control measures

No value is assigned specifically for this product, however work-place exposure for individual constituents is:

2- Butoxyethanol: 96.9 mg/m³ (20ppm) TWA (8hr) skin, 242 mg/m³ (50ppm) STEL

Biological Monitoring

No biological limit allocated.

ENGINEERING CONTROLS:

As with good work safe practices, use in a well-ventilated area, under normal conditions general exhaust is adequate. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

PERSONAL PROTECTION

Inhalation:

IF spray painting Wear an Australian Standard Approved respirator. The selection of class and type will be dependent on level of air-borne contaminant and chemical type. Otherwise use in a well-ventilated area.

Eyes:

Chemical goggles or safety glasses with side shields. Do not wear contact lenses as they absorb and concentrate irritants.

Hands:

Wear rubber gloves. Do not wash hands with solvent; use industrial hand cleansing cream or soap and water.

Clothing: Wear protective clothing that minimizes the risk of skin contamination. Wear safety footwear.

9. PHYSICAL and Chemical Data

Appearance:	Milky or Coloured liquid
Odour:	Typical of water base paint
Specific Gravity:	0.950 – 1.15 kg/l
Solubility in water g/l:	Miscible
Boiling Point:	Approx 100°C
PH	8 – 8.5
Viscosity B4 cup	13 -18 sec

10. Stability and Reactivity Data

STABLE	X
UNSTABLE	

Materials to avoid: Strong oxidizing agents
Reactivity: No reactivity hazards are known for this product.
Chemical stability: Stable when stored and used as directed.
Hazardous Reactions: None known for this product
Conditions to avoid: Elevated temperatures.

11. Toxicological Information

None listed for this product if handled in accordance to this Safety Data Sheet and information listed on product label, however symptoms which may arise from misuse and overexposure are as follows:

Eyes: May cause eye irritation.
Skin: May cause slight skin irritation after prolonged or repeated exposure.
Inhalation: May cause slight irritation in rare cases. At elevated temperatures in poor ventilation may cause irritation to respiratory tract, headache, and nausea.
Ingestion: Gastrointestinal irritation may cause nausea, pain and vomiting.

Acute Toxicity According to Ingredients

2- Butoxyethanol:

Expected to be of low toxicity-
Oral LD50 (rat): 530-3000mg/kg
Oral LD50 9guinea Pig): 950-1414 mg/kg

Skin: Mild irritant-
Dermal LD50 (rabbit): 100-610 mg/kg
Dermal LD50 (guinea pig): 1200-2000mg/kg
Eye: May irritate eyes.
Respiratory: Not expected to be a sensitiser
Germ Cell mutagenicity: Not a mutagen
Carcinogenicity: Not a carcinogen
Reproductive Toxicity: Not expected to impair fertility
Aspiration Hazard: Not considered an aspiration hazard

Single Target Organ Toxicity Single exposure

Concentrated Vapours can result in headaches, dizziness and possible nausea

Single Target Organ Toxicity Repeated exposure

Available evidence from animal studies indicates that repeated or prolonged exposure to high concentrations of 2-butoxyethanol could result in effects on the blood system, liver and kidneys.

11. Ecological Information

Ecotoxicity

Acute toxicity:

Fish –	No Data Available
Aquatic invertebrate -	No Data Available
Algae -	No data Available
Microorganisms -	No Data Available

Chronic Toxicity

Fish –	No Data Available
Aquatic invertebrate -	No Data Available
Algae -	No Data Available
Microorganisms -	No Data Available

Persistence and Degradability

Biodegradable

Bio accumulative Potential

Negligible

Mobility in Soil

Miscible in water

Other Adverse Effects

No data available

13. Disposal

Consult local land waste Management Authority for disposal.

Recycle where possible; dispose of containers at an authorised landfill.

14. Transport Information

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

UN No: None Allocated

D.G: None Allocated

HAZCHEM: None Allocated

P.G: None Allocated

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory Information

Non Hazardous substance

All ingredients in this product are listed on the Australian Inventory of Chemical Substance (AICS)

16. Other Information

Date of preparation : 01/11/2020

Revision number : 4

Changes in revision : Format

Australian Poisons Information Centre: 13 11 26

Police, Fire brigade or Ambulance: 000

Aqualis Coatings 1300 046 832

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