

Date of Issue – 01/03/21

Revision – 1.0

MATERIAL SAFETY DATA SHEET

1. Material and supply company identification

Product Name No Fungal Pro

Product Code 855TP-0002

SUPPLIER: Aqualis Coatings P/L
47 Lara Way
Campbellfield Vic 3061
Contact Details: 1300 046 832

APPLICATION: Solution used against mould, algae, mildew, and lichen regrowth.

2. Hazards Identification

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of chemicals GHS

Hazard Categories: Serious Eye Damage/Eye Irritation, Category 2A
Skin Corrosion/Irritation, Category 1C
Acute Toxicity– Oral, Category 4

GHS LABEL



GHS Signal Word: Danger

Poisons Schedule 5

Hazard Phrases

H302 Harmful if swallowed
H312 Harmful in contact with skin.
H319 Causes serious eye damage
H332 Harmful if inhaled.
H401 Toxic to aquatic life

Precaution Phrases

P102 Keep out of reach of children
P103 Read label before use
P260 Do not breathe mist/vapours/spray
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well-ventilated area
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P363 Wash contaminated clothing before reuse.

Response Phrases

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+330 +331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control centre or physician for treatment advice. Have product container or label with you when poison control centre or physician.
P337+P313 If eye irritation persists: Get medical advice/attention.
P304 +340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P363 Wash contaminated clothing before reuse.
P321 Specific treatment see...on this label.
P391 Collect spillage

Dangerous Goods Classification

Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

3. Composition Information

% Composition by wt	<1	5-10	10-20	>50	CAS RN	TWA PPM
Benzalkonium chloride			X		68424-85-1	
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 for at least 15 minutes with water. Discard contaminated clothing such that to prevent further exposure. Destroy contaminated shoes. If irritation, swelling, redness, blistering occurs seek medical attention.

INHALATION: Move patient to fresh air away from contamination source – avoid becoming a casualty. Remove contaminated clothing. Get immediate medical aid. If breathing is difficult, give oxygen. Do Not use mouth to mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

INGESTION: If swallowed do not induce vomiting. Wash mouth with water. Give water to drink to dilute stomach contents. Never give anything by mouth to an unconscious patient. 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
Corrosive liquid

General Measures

If safe to do so, remove containers from path of fire.

Extinguishing Equipment:

If material is involved in a fire, use Water Fog, Water Jet, Alcohol resistant Foam, Dry Chemical powder, carbon Dioxide

Fire fighting Instructions: Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment. Wear self-contained breathing apparatus in pressure demand, and full protective gear.

Hazardous Decomposition Products:

Irritating and highly toxic gases may be generated if in a fire due to thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

6. Spill or Leak Procedures

Use recommended personal protective equipment as advised in section 8.
Contain or Stop leak if safe to do so.

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

For small spills, wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or aerosol mists. Dilute with water and mop up or absorb with clean absorbent rag or paper towels, allow the collected absorbent to dry and dispose of with normal household garbage.

For large spills, wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or aerosol mists. Contain to prevent run off into drains and waterways. 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 incompatible materials listed in section 10, 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 measure

No value is assigned specifically for this product.

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:

Avoid breathing in aerosols or spray mist, wear approved respirator suitable for protection against corrosive aerosol or mist. Full-face air supplied respirator will provide the best protection against large scale exposure.

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.

9. PHYSICAL and Chemical Data

Appearance:	Clear liquid
Odour:	low odour
Specific Gravity:	0.950 – 1.15 kg/lit
Solubility in water g/l:	Miscible
Boiling Point:	Approx 100°C
Relative vapour density	1.0
pH	7 - 8

10. Stability and Reactivity Data

STABLE	X
UNSTABLE	

Materials to avoid: Acids, reducing agents, oxidisers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.
Chemical stability: Stable when stored and used as directed.
Hazardous Reactions: None known for this product

11. Toxicological Information

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

Acute Toxicity According to Ingredients

Skin: Corrosive
Eye: Corrosive
Respiratory: May be an irritant to mucous membranes and respiratory tract.
Ingestion: Toxic if swallowed
Germ Cell mutagenicity: No Data Available
Carcinogenicity: No Data Available
Reproductive Toxicity No Data Available
Aspiration Hazard Classified as non-hazardous

Single Target Organ Toxicity Repeated exposure: None listed for this product.

12. Ecological Information

Avoid contaminating waterways.

Ecotoxicity

Acute toxicity:

This material has been classified as a Category 9.1B Hazard.

Acute toxicity estimate (based on ingredients): 1-10 mg/L

Chronic Toxicity

No Data Available

Persistence and Degradability

Biodegradable

Bio accumulative Potential

No data available

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; rinse containers thoroughly with water and dispose of at an authorised landfill.

14. Transport Information

Road and Rail Transport

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (BENZALKONIUM CHLORIDE)

UN No: 1760 **Dangerous Goods Class:** 8

HAZCHEM: 2X **P.G:** III

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea. This material is classified as a marine Pollutant (P) according to the International Maritime Dangerous Good Code.

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (BENZALKONIUM CHLORIDE)

UN No: 1760 **Dangerous Goods Class:** 8

HAZCHEM: 2X **P.G:** III

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (BENZALKONIUM CHLORIDE)

UN No: 1760 **Dangerous Goods Class:** 8

HAZCHEM: 2X **P.G:** III

15. Regulatory Information

General Information : No Data Available

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

16. Other Information

Date of preparation : 01/03/2021

Revision number : 1

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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