

Application



Application and precautions for **MouldEx** spray application.

When you apply mould remover outdoors—especially near **trees, plants, or lawn areas**—you need to be careful so you kill the mould but **don't harm the vegetation or contaminate soil and water**. Here's a safe approach and recommendations:

1. Product

- **MouldEx**, a commercial “mould & algae removers” specifies a safer way for gardens and the environment in comparison to the normal mould and plant killers.
- **MouldEx** is a pH-neutral and biodegradable product specifically formulated to inhibit the growth of mould, lichen, moss, algae, etc. Its formula allows for usage on almost any surface and protects it. The penetrating action of **MouldEx** will inhibit growth for months to come.
- **MouldEx** is based on Benzalkonium chloride, save for use with plants as described in normal use according to the Safe Work Australia.... A solution of up to 5% is deemed safe for the plant environment by the Australian Standard, and a solution larger than 10% solution is considered a category 2 Hazard.
- In the case of **MouldEx** where the dilution of 1:5 -1:10, or even a 1:1, would not reach the 5%.

2. Prepare the area

- **Protect the trees and plants where a possible overspray might occur:** Cover roots, shrubs, or exposed soil with a plastic sheet or tarp.
- **As an extra precaution, you can wet the surrounding plants** with clean water before starting. This dilutes any accidental overspray further and makes leaves less likely to absorb chemicals.
- **Always clean the affected area well by mechanical means where possible.** Use a scrubber.
- **A pressure washer can be used carefully where possible.**
- **Old substrates usually have oils and chemical residues, as well as organic matter embedded, and need to be cleaned thoroughly.**
- **Do not forget your PPE ai goggles, gloves, mask, etc ..**

3. Apply carefully

- Apply on a **calm, dry day** (no wind or rain) to prevent drift and runoff.
- Choose several days of sunny and/or windy days to have the substrate dry and water-hungry. This will guarantee a faster absorption. And lees runoff.
- Use a **low-pressure spray (garden sprayer or similar)** to target the mould directly.
- Avoid saturating soil around tree roots.

Application

- Different substrates have different needs and applications. Old bricks, sand/lime stone need more product since they are usually far more porous than concrete walls, renders or fibre cement sheets. Wood needs less than Sandstone but several timely applications since it is a 'living substrate and often the wood is infected more deeply.
- The base rule is that the older the substrate, the more product will be absorbed and the higher the infestation will be. An after-service should be part of the application.
- Always try different dilution ratios. You should test a small area first, which depends on the level of bacteria and mould, before the final application to find the best mix for the job at hand; a 1:5 mix is a good start.

4. Limit runoff

- Keep water flow to a minimum when rinsing.
- **MouldEx** will not wash out after it has dried in/on the substrate
- Direct rinse water to hard surfaces (driveway, paving) rather than garden beds.
- If the area drains toward a tree base, mop up excess instead of hosing it away.

5. Rinse & neutralise

- After treatment time (per product instructions), rinse treated surfaces with clean water.
- Remove the tarp and water nearby plants again to flush away any stray residue.
- Water down any plants close to the application.

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.



Safety Directions

Keep out of reach of children. Avoid contact with eyes, use PPT/Goggles/gloves. In case of contact with the eyes, rinse immediately with plenty of water. If swallowed, drink plenty of water and seek medical attention immediately. Further refer to the SDS. Discontinue if skin irritations develop, and seek medical advice. Flux Design Australia Pty Ltd warrants that the products manufactured or supplied by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to Flux Design Australia Pty Ltd shall be limited to the replacement of the material proven to be defective. Flux Design Australia Pty Ltd MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. The user shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.