



# Killwell Moss, Mould and Lichen Remover

## INFORMATION SHEET

Moss, Algae and Lichen are members of the Byrophyte family, a non-vascular plant which breeds via spore transmission. This means in simple terms they do not have a root system, consequently they do not draw nutrients and minerals out of the ground, and do not produce seeds or flowers. They reproduce via their spores being released into the atmosphere and being carried by air currents or a breeze. This enables Byrophytes grow in a variety of habitats including steel and tile roofs.

Whilst shade and moisture appear to be their preferred habitat, they can go for long periods of time in a dehydrated state due to lack of rainfall and then come back to life again in the cooler seasons where rainfall and a cool moist atmosphere is more prevalent. This explains why they appear to disappear in the Summer months and make a comeback in the Autumn and Winter season.

### What is KillWell Moss, Mould and Lichen remover?

KillWell is a highly efficient, broad spectrum quaternary germicide. Its active ingredient, Benzalkonium Chloride is widely used in mild solutions for eyewashes, hand and face washes, mouthwashes, spermicidal creams, and in various other cleaners, sanitizers, and disinfectants. KillWell is NOT a bleach and is biodegradable.

**How does KillWell work:** When applied the chemical penetrates spores over a period of 3 to 4 hours. This penetration results in the gradual withering and dying of the Byrophyte, while also providing long-acting protection from re-growth. Once treated KillWell relies on the weather to remove the dead biological growth. Hosing or brushing may sometimes be required on wooden decks if badly contaminated and if the surface is vertical or not exposed to the weather.

Badly contaminated surfaces may take as long as 6-12 months to come clean. A second application 1-2 months after the first may also assist if the Byrophyte contamination is heavy.

KillWell will allow treated surfaces to be maintained by re-application Annually. Alternatively, apply KillWell at the first sign of re-growth.

### PRECAUTIONS FOR HANDLING AND USE:

**Tank Water:** If on tank water; disconnect water supply until a minimum of 7mm of rain has fallen, approximately 3-4 weeks before re-connecting.

**Plants:** KillWell is safe on plants however, to ensure no brown spotting (scorching) from mist overspray, we recommend either covering or watering key plants that sit close to the application area before and after application.

**Warnings for use:** In concentrated form this substance may be harmful if swallowed, inhaled or absorbed through skin - it may cause burns to uncovered skin. There is risk of serious damage to eyes. Very toxic to aquatic organisms.


Avoid breathing vapour and ensure adequate ventilation when using. Do not eat, drink or smoke while using. Wear gloves, safety glasses and protective clothing. Remove protective clothing and wash hands and face after work and before meals. Wash splashes from skin immediately. Store in original container, tightly closed, keep away from foodstuffs. Dispose of empty container safely. Avoid any contamination of water supply or fishponds.

**First Aid:** Contact with eyes/skin – flush with large amounts of water. If ingested drink 2-3 glasses of water and seek medical advice.

**Active ingredient:** Benzalkonium chloride. Benzalkonium chlorides (BACs) are chemicals with widespread applications due to their broad-spectrum antimicrobial properties against bacteria, fungi, and viruses. Read more at <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6581159/>

**Trade name:** Synthecol Quad LF \*\*Refer to the Synthecol Quad LF SDS for specific product information.

## CONTACT US

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