

# Lichen Removal Agent

## Technical Datasheet

### Description

**LRA** is a removal agent for lichen, moss and fungi designed specifically to be used on solar panels. It is a biodegradable product designed to be as delicate as possible with the components of the solar module (ARC, silicone and aluminium frame). The product will help break the bond between the lichen and the solar glass, making them easier to remove. To avoid the reappearance of the problem, you should act preventively and protect the modules with a coating such as the *Antistatic Solar Armor* or the *D-Solar Defendor* from ChemiTek.

### Dilution Specifications

1kg of product for 10 litres of water

### Applications

Removal of lichen, moss and fungi from the surface of the glass of solar modules

### Instructions of Use

1. Dilute the correct amount of product in the water.
2. Spray the diluted product on the problematic areas making sure that all the surface is covered. For severe cases, brush the entire surface to help the LRA reach the glass of the PV module.
3. Let the product soak for 10 to 20 minutes.
4. Brush the area to remove the lichen. If needed repeat steps 2, 3 and 4 until all lichens are removed.
5. Rinse the module thoroughly with water making sure that all excess product is removed.

*Recommended additional step:*

6. Apply a coating immediately after the remediation of the problem to protect the modules. This will seal the glass and any future growth of lichen will not be bonded to it so strongly making them easier to remove.

### Suppliers' recommendations

**LRA** is a remediation product and should be used as such. To avoid the recurring use of the product please act preventively and protect your modules with one of our coatings. The coating will seal the glass and any future growth of lichen will not be bonded to it so strongly thus making them easier to remove.

### Comments

Please follow the instructions in the safety data sheet for the safe handling of the product.

### Properties

**Aspect:** Clear yellow liquid;

**Odor:** Characteristic;

**Flash point:** Non Flammable (>60 °C);

**Solubility in water:** Fully miscible.

### Shelf life

**Closed:** 3 years

**After opening:** 6 months

**After dilution:** Use no later than 48 hours after dilution.

### Packaging

2kg, 5kg and 20kg transparent drums