# SSERC_LOGO

***Risk Assessment – practical activity***

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| ***Activity*** | *Immobilised algae* | | | |
| ***Assessment undertaken by*** | *Paul Beaumont, Head of Section* | | | |
| ***Date*** | *July 18th 2017* | | ***Review date*** | *July 17th 2018* |
| ***Description of Activity:*** | | *A convenient practical method for showing respiration and/or photosynthesis in plants* | | |

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|  | ***Step 1*** | ***Step 2*** | ***Step 3*** |
| *List significant hazards here:* | *List groups of people who are at risk from the significant hazards identified:* | *List existing controls or where the information may be found. List risks not adequately controlled and action needed:* |
| 1. *Lamps/strip lights* 2. *Cresol red powder* 3. *Thymol blue* 4. *Ethanol* 5. *Calcium chloride* 6. *Algal enrichment medium* | * *Electrical / manual handling* * *Irritant* * *Flammable* * *Harmful* * *Harmful and irritating to eyes* | * *Student / Technician / Tutor* * *Teacher / Technician* * *Teacher / Technician* * *Teacher / Technician* * *Teacher / Technician* * *Teacher / Technician* | * *Visual check and PAT test in date* * *Avoid inhalation, eye and skin contact. Wear protective goggles and gloves.* * *Avoid creating dust and minimise contact.* * *Avoid inhalation and ingestion. Work in well-ventilated area* * *Avoid inhalation, eye and skin contact. Wear protective goggles and gloves. When preparing stock solutions.* * *Avoid ingestion* |

**Additional comments:**

This is a generic risk assessment. Teachers should adapt it, if necessary, to their own sets of circumstances. The risk assessments have been written assuming that the activities will be carried out as described in the accompanying pupil material and technician guides, in school science laboratories with single-level, mainstream N5 classes comprising no more than 20 students.