# SSERC logo

**SSERC Risk Assessment** (revised version March 2018)

(based on HSE’s INDG 163 ‘Risk assessment - A brief guide to controlling risks in the workplace’)

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| Activity assessed | Guzzling Plants |
| *Date of assessment* | 3rd February 2020 |
| *Date of review (****Step 5****)* |  |
| *School* |  |
| *Department* |  |

| Step 1 | Step 2 | Step 3 | Step 4 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *List Significant hazards here:* | *Who might be harmed and how?* | *What are you already doing?*  *What further action is needed?* | *Actions* | | | | |
| *by whom?* | | *Due date* | | *Done* |
| Copper sulphate is harmful and causes eye damage. | Technician/teacher making up solutions. | Wear goggles (EN 166 3) and nitrile gloves. Avoid raising dust. Wash hands after use. |  |  | |  | |
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| **Description of activity:**  Seeds are germinated and grown in solutions of copper sulphate of differing concentrations. The leaves and stems are then collected and analysed for copper content. |
| **Additional comments:**  Copper sulphate solution is harmful for the environment with long-lasting effects.  Collect waste solutions and recycle or dispose of appropriately (See SSERC website, Hazardous Chemicals)  Collect soil and either store for future use or put in a plastic bag and store for collection by a licensed contractor. |