# 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 | pH of the planet |
| *Date of assessment* | 30th June 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* |
| Sodium hydroxide is corrosive. | Technician, by splashes while preparing dilute solution for m-cresol purple. | Wear goggles (EN166 3) and PVC gloves. |  |  | |  | |
| Bromothymol blue and m-cresol purple are of no significant hazard but care should be taken to avoid inhaling dust. |  |  |  |  | |  | |
| Depending on where the water samples are taken from, there may be chemical or, more likely, biological contamination. | Pupils (or possibly teacher) while handling the samples. | Keep contact with skin to a minimum and wash hands thoroughly after use. |  |  | |  | |
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| **Description of activity:**  Samples of water are taken from various environmental sites and tested with two different indicators to give the pH value of the sample. |
| **Additional comments:** |