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**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 | Testing for Vitamin C using DCPIP |
| *Date of assessment* | 06/02/2018 |
| *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* |
| DCPIP powder – Irritant. may be harmful by inhalation, ingestion or skin absorption.  Solution is of no significant hazard | Technician (possibly teacher) | Wear eye protection, (Use goggles to BS EN 166 1 3). and gloves. Avoid raising dust. |  |  |  |
| Phosphoric (V) Acid 85% -  Corrosive  The 5% solution is of no significant hazard. | Technician (possibly teacher) | Wear eye protection & rubber or plastic gloves |  |  |  |

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| **Description of activity:**  Pupils liquidise vegetables with 5% Phosphoric (V) Acid and then titrate against a solution of DCPIP. |

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| **Additional comments:**  DCPIP has a limited shelf life in solution. |