# 

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

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

2 Pitreavie Court, South Pitreavie Business Park, Dunfermline KY11 8UU

tel : 01383 626070 e-mail : [enquiries@sserc.org.uk](mailto:enquiries@sserc.org.uk) web : [www.sserc.org.uk](http://www.sserc.org.uk)

# 

|  |  |
| --- | --- |
| Activity assessed | Food Chemistry – Enzymic Browning |
| *Date of assessment* | 8th December 2019 |
| *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 sulphite is corrosive and possibly harmful if ingested.  The solution is of no significant hazard | Technician in contact with solid while preparing solution. | Wear gloves and goggles (BS EN166 3). Avoid raising dust. |  |  |  |
| Thiourea is harmful if ingested and a Category 2 carcinogen and Reproductive Toxin  The solution is of no significant hazard. | Technician in contact with solid while preparing solution. | Wear gloves and goggles (BS EN166 3). Avoid raising dust. |  |  |  |
| The other reagents are not classified as hazardous |  |  |  |  |  |

|  |
| --- |
| **Description of activity:**  Pieces of apple are placed in various solutions and left to brown. They are then blended and filtered and the absorbence measured with a colorimeter. |

|  |
| --- |
| **Additional comments:** |