**Manchester Institute of Biotechnology - Risk Assessment**

TUOM_4COL

| Date:  Nov 2015 | Assessed by:  Helen Toogood | Validated by:  Tanya Aspinall | Location:  MIB Atrium | Assessment ref no | Review date:  Nov 2016 |
| --- | --- | --- | --- | --- | --- |
| Task/Premises:   |  | | --- | | Public engagement activity: "MIB Open Day"  Interactive Science Stands - Stand Name: Synthetic Biology  Helen Toogood in overall charge.  Volunteers involved in the session are ‘facilitators’ only.  All accidents to be reported to a First Aider and reported accordingly. | | | | | | |

| Activity | Hazard | Person(s) in danger | Existing measures to control risk | Risk rating | Result |
| --- | --- | --- | --- | --- | --- |
| Handling essential oils | Potential irritant (low-high risk) | Participants and facilitators | 1. The essential oils and component chemicals may present a hazard if swallowed or by over-inhalation. Participants and facilitators will only be allowed to briefly smell the scent of the chemicals.  2. Participants will be asked if they suffer from an allergy to the essential oils/components of peppermint, spearmint and vanillin. Any participant who indicates they have an allergy will be informed that these substances are in the general area and they will be advised it is in their best interests to skip this stand and wait outside the atrium. A member of staff should supervise them outside the atrium, and inform a first aider if illness is suspected. | |  | | --- | | Low risk | | |  | | --- | | T | |
| Chemical spillage | Potential irritant (low-high risk) | Participants and facilitators | If a spillage of one of the chemicals occurs, a non-toxic odour is likely to pervade the atrium. The facilitators will mop up the spill with paper towels, wearing gloves. Any affected materials (e.g. tablecloth) will be removed from the atrium if the level of odour is significant and any of the participants/facilitators suffers any adverse affect to the odour. | |  | | --- | | Low risk | | |  | | --- | | T | |