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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 | Int1 PPA3-1 - Solubility |
| *Date of assessment* | 8th July 2022 |
| *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* |
| Potassium nitrate is a skin/eye/respiratory irritant | Pupils by ‘splashing’ while carrying out experiment. | Avoid raising dust. This is very unlikely but eye protection should be worn anyway. |  |  |  |
| Sodium nitrate is an eye irritant | Pupils by ‘splashing’ while carrying out experiment. | This is very unlikely but eye protection should be worn anyway. |  |  |  |
| The other compounds are of no significant hazard. |  |  |  |  |  |

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| **Description of activity:**Small amounts of solids are dissolved in water to evaluate their use as fertilisers. |

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| **Additional comments:** |