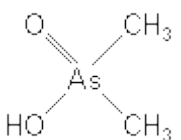
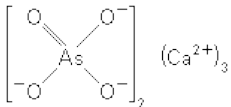
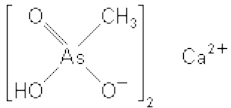
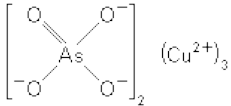
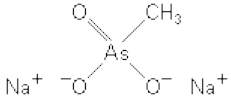
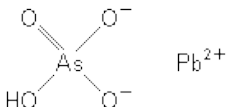
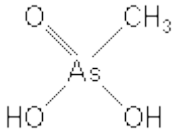
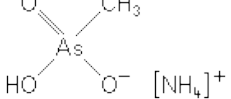
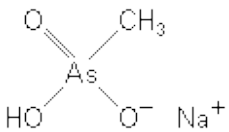
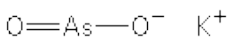
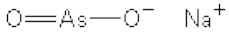


**Table S3. Arsenical biocides<sup>a</sup>**

| Common name      | IUPAC                                 | CAS                              | Registry number | Formula  | Activity                            | Structure   |
|------------------|---------------------------------------|----------------------------------|-----------------|--|-------------------------------------|---|
| Cacodylic acid   | Dimethylarsinic acid                  | Dimethylarsinic acid             | 75-60-5         | C <sub>2</sub> H <sub>7</sub> AsO <sub>2</sub>                 | Herbicide                           |    |
| Calcium arsenate | Calcium arsenate, tricalcium arsenate | Arsenic acid, calcium salt (2:3) | 7778-44-1       | As <sub>2</sub> Ca <sub>3</sub> O <sub>8</sub>                 | Insecticide, molluscicide           |    |
| CMA              | Calcium bis(hydrogen methylarsonate)  | Calcium hydrogen methylarsonate  | 5902-95-4       | C <sub>2</sub> H <sub>8</sub> As <sub>2</sub> CaO <sub>6</sub> | Herbicide                           |    |
| Copper arsenate  | Copper arsenate, tricopper arsenate   | Arsenic acid, copper salt (2:3)  | 7778-41-8       | As <sub>2</sub> Cu <sub>3</sub> O <sub>8</sub>                 | Insecticide                         |    |
| DSMA             | Disodium methyl arsonate              | Disodium methyl arsonate         | 144-21-8        | CH <sub>3</sub> AsNa <sub>2</sub> O <sub>3</sub>               | Herbicide                           |    |
| Hexaflurate      | Potassium hexafluoroarsenate          | Potassium hexafluoroarsenate     | 17029-22-0      | AsF <sub>6</sub> K   | Herbicide                           |   |
| Lead arsenate    | Lead arsenate                         | Arsenic acid, lead salt (1:1)    | 7784-40-9       | AsHO <sub>4</sub> Pb   | Insecticide, plant growth regulator |   |
| MAA              | Methylarsonic acid                    | Methylarsonic acid               | 124-58-3        | CH <sub>3</sub> AsO <sub>3</sub>                               | Herbicide                           |  |
| MAMA             | Ammonium hydrogen methylarsonate      | Monoammonium methylarsonate      | 2321-53-1       | CH <sub>6</sub> AsNO <sub>3</sub>                              | Herbicide                           |  |

**Table S3. Arsenical biocides<sup>a</sup>** (continued)

| Common name        | IUPAC                          | CAS                          | Registry number | Formula                            | Activity                            | Structure   |
|--------------------|--------------------------------|------------------------------|-----------------|------------------------------------|-------------------------------------|---|
| MSMA               | Sodium hydrogen methylarsonate | Monosodium methylarsonate    | 2163-80-6       | CH <sub>4</sub> AsNaO <sub>3</sub> | Herbicide                           |  |
| Potassium arsenite | Potassium arsenite             | Arsonic acid, potassium salt | 10124-50-2      | AsKO <sub>2</sub>                  | Herbicide, insecticide, rodenticide |  |
| Sodium arsenite    | Sodium arsenite                | Arsonic acid, sodium salt    | 7784-46-5       | AsNaO <sub>2</sub>                 | Herbicide, insecticide, rodenticide |  |

<sup>a</sup> Source: Compendium of Pesticide Common Names, [www.hclrss.demon.co.uk/index.html](http://www.hclrss.demon.co.uk/index.html).