

## DECC WASTE TECHNICAL NOTE 2: ANNEX B

### Organic Contaminants Known to Affect the Outcome of Solidification (after Conner, 1990)

| Organic Compounds        |                       |
|--------------------------|-----------------------|
| Organics, general        | Organics, specific    |
| Acids, acid chlorides    | Adipic acid           |
| Alcohols, glycols        | Benzene               |
| Aldehydes, ketones       | EDTA                  |
| Amides                   | Ethylene glycol       |
| Amines                   | Formaldehyde          |
| Carbonyls                | <i>p</i> -Bromophenol |
| Chlorinated hydrocarbons | Hexachlorobenzene     |
| Ethers, epoxides         | Methanol              |
| Grease                   | NTA                   |
| Heterocyclics            | Phenol                |
| Hydrocarbons, general    | Trichloroethylene     |
| Lignins                  | Xylene                |
| Oil                      |                       |
| Starches                 |                       |
| Sulfonates               |                       |
| Sugars                   |                       |
| Tannins                  |                       |

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### References

1. Jesse Conner, *Chemical Fixation and Solidification of Hazardous Waste*, Van Nostrand Reinhold 1990.
2. Jesse Conner, *Guide to Improving the Effectiveness of Cement-Based Stabilisation/Solidification*, Portland Cement Association USA (PCA serial No 2075) 1997.
3. Jeffrey Means et al., *The Application of Solidification/Stabilisation to Waste Materials*, Lewis Publishers, 1995.