

ABSTRACT OF THE DISCLOSURENOXIOUS COMPONENT REMOVAL PROCESS  
AND NOXIOUS COMPONENT REMOVAL AGENT THEREFOR

A process for removing chlorine and/or sulfur from a waste containing chlorine and/or sulfur which chlorine is a source of dioxin. The process comprises the following steps in the sequence set forth:

5 (a) mixing the waste and a chlorine and sulfur removal agent to form a mixture, the chlorine and sulfur removal agent containing an alkali metal compound; and (b) heating the mixture to thermally decompose the waste to generate chlorine-containing substance and/or a sulfur-containing substance, in which the chlorine-

10 containing substance and/or the sulfur-containing substance allow to contact and react with the chlorine and sulfur removal agent thereby to form harmless chloride and/or sulfite.

(Figure 1)

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