

Technical Tuesdays

REF:TT/ December 2010/ WK 2

Method for the classification of “textile auxiliaries according to their wastewater relevance”

The "Method of classification of textile auxiliaries according to their wastewater relevance" provides a logic system for the classification of textile auxiliaries in 3 classes of relevance:

Class I Minor relevance to wastewater

Class II Relevant to wastewater

Class III High relevance to wastewater

The main criteria for the classification are:

- the content of certain harmful (including bioaccumulative) substances, and
- the extent of biological degradation or elimination and aquatic toxicity of the products.

The purpose of the classification concept is rather to allow users to select textile Auxiliaries also from ecological aspects.

“Ecological competition is intended to trigger a trend towards the development of environmentally more compatible textile auxiliaries”.

The German Association of the Textile Finishing Industry is officially supporting this concept and has signed and published a self-commitment to recommend the textile finishing industries to use classified products only and preferably such of classes I and II

A classification of the textile auxiliary is possible both

- on the basis of data of the preparation and
- on the basis of data of the ingredients by calculating mean values for the ingredients.

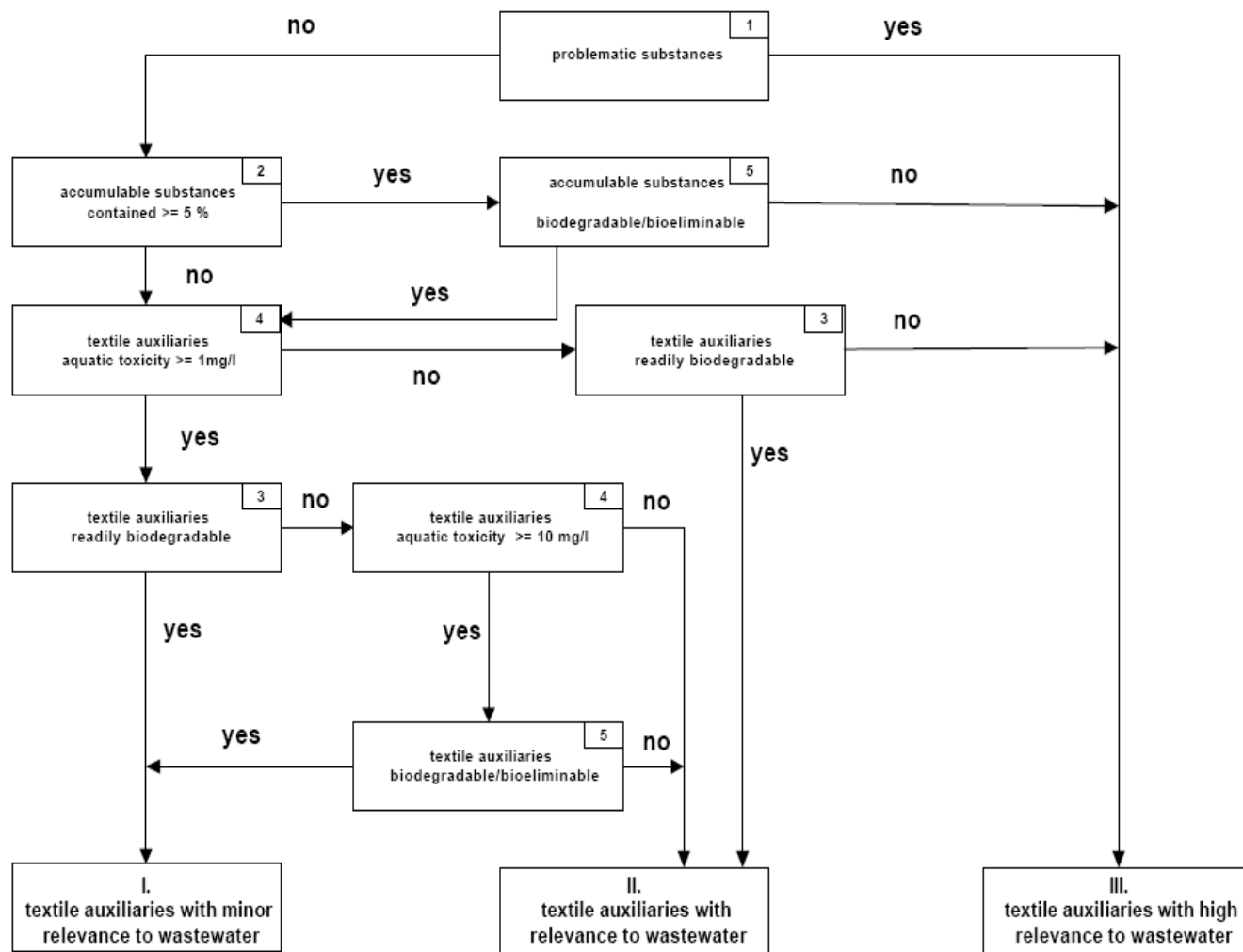
For data to be newlydetermined, it is recommended to determine those data on the basis of the ingredients.

A simplified and scientific approach towards the classification of the textile auxiliaries is as follows:

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