

Reaction on comments of the EPA on N-butylbenzenesulphonamide challenge submission**Vapour pressure**

The reported value of 0.56 is due to a calculation error. The value is deleted from the SIDS dossier. Additional data from other sources and a calculation with Episuite are incorporated. All these data indicate that the vapour pressure of BBSA is very low.

Environmental fate

Model calculations on photodegradation and fugacity are added. Stability in water can not be measured due to the low water solubility. The Episuite model cannot calculate a hydrolysis rate for this type of substance.

Health effects

A chromosome aberration test and a reproductive/developmental screening test will be performed.

Ecological effects

An acute toxicity study in fish (with analysis of concentrations tested) will be performed.

Specific comments**Environmental fate**

Photodegradation and fugacity incorporated. Statement on hydrolysis added.

Health effects

All requested information on 28-day toxicity and Ames test is incorporated in the robust summaries.

Ecological effects

All requested information is incorporated in the robust summaries.

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