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Hbk/acha

Note regarding REACH and SVHC Status of Burnblock® ingredients

The Candidate List published in accordance with Article 59(10) of the REACH Regulation on the European Chemicals Agency ECHA's home page was accessed and searched on 12th June 2018 for the substances in Burnblock® based on the formulation provided by Burnblock on 21th of July 2014.

None (0%) of the substances is included in the Candidate List of substances of very high concern (SVHC) for authorisation.

Best regards

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Health assessment of the product BURNBLOCK

Prepared by
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Prepared 9.february 2006, Updated 1.sept. 2011

The assessment is for the Danish product
BURNBLOCK

Contact to supplier: www.burnblock.com

The product is water based and contains fire retardant, pH regulating substances and additives.

The exact composition is described in appendix 1 (confidential).

The used components are well documented chemicals with IUCLID datasets available for all ¹.

Substance 1 flame retardant

The flame retardant is a natural component in the body.

No health effects are found in the literature for the substance except a slightly eye irritating effect which is much less than for salt (sodium chloride) which is moderately irritating.

The acute toxicity for rats and the eco-toxicity for fish is in the same range as salt (sodium chloride).

Substance 2 pH regulating substance

The pH regulating substance is shown in the safety datasheet as it is the only component which is classified according to regulation on hazardous components. The component is citric acid which has a toxicity for rats comparable to salt (sodium chloride). Citric acid is classified as irritating to eyes Xi ,R36. No other health effects are found for the substance in the literature.

¹ IUCLID datasets are available from EINECS (European Inventory of Existing Commercial chemical Substances) Information System for individual chemicals describing all available test for health effects and environmental effects.

Citric acid is present in all citrus fruits. The used concentration in the product is significantly lower than in lemons and also lower than in fruit juice.

Substance 3. Additive

The additive is a natural component in some berries. The component has a toxicity for rats comparable to natural salt (sodium chloride). Some data indicate a slightly eye irritating effect which is much less than for natural salt. No other health effects are found for the substance in the literature.

Conclusion

The product is based on components occurring naturally in foods or in the body.

The only health effects found for the individual components is an eye irritating effect if the product accidentally comes into contact with the eyes.

The eye irritating effect for the product is assessed to be less than for natural lemons and for fruit juice.

Danish Technological Institute
Aarhus, February 2006



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