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**Produkt: Woodsafe FirePRO**

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### **Statement on safety of Woodsafe FirePRO in relation to boric acid**

Boric acid (CAS no. 10043-35-3) is classified as toxic to reproduction (Repr. 1B; H360FD) according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP). The specific concentration limit for this classification for boric acid is 5,5 % according to the CLP regulation.\* The concentration of boric acid is below 0,1 % in the finished Woodsafe FirePRO product. Therefore, the product is not classified as hazardous in accordance with the CLP regulation.

Boric acid is recognised as a substance of very high concern (SVHC) in accordance with Annex XV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Substances are recognized as SVHCs both based on their intrinsic hazardous properties and their amounts and types of use in the EU.

The following assessment is based on the information presented in the Annex XV dossier of boric acid (<https://echa.europa.eu/documents/10162/9289e7af-16aa-47c8-8e3a-20179670803d>):

Exposure to boric acid from Woodsafe FirePRO may only be expected if the product is in dust form (as an aerosol) and if the dust enters the airways. Therefore, it is recommended to avoid any exposure to dust that may form during the processing (sawing, grinding) of the product.

The reason, why any other exposure routes are unlikely, is that the vapour pressure of boric acid is negligible, and therefore it is not likely that boric acid leaks from Woodsafe FirePRO in the form of vapour. Additionally, absorption of boric acid via contact with skin (through dermal route) is estimated to be very low (a worst-case estimate of 0,5 % absorption level is presented in the Annex XV dossier of boric acid).

For anyone using Woodsafe FirePRO, it is recommended to follow the safety instructions on the Safety Data Sheet (SDS) of the product. This will help to ensure proper risk management measures in order to avoid any unnecessary exposure.

*\*The specific concentration limit indicates a threshold at or above which the presence of boric acid leads to the classification of the substance or mixture as hazardous.*



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