

**E-24.1 Environmental scenario for wide dispersive use of fertilizers containing borates**

Systematic title based on use descriptor	ERCs	Description
	8a	Wide dispersive indoor use of processing aids
	8c	Wide dispersive indoor use, inclusion into or onto a matrix
	8d	Wide dispersive outdoor use of processing aids
	8f	Wide dispersive outdoor use, inclusion into or onto a matrix

**E-24.2 Controlling environmental exposure**

Product characteristics	Granular, powder or dissolved form. Fertilizers can contain up to 7.7% of boron.
Amounts used	The quantity applied depends upon that necessary to raise the level in the soil to support the crop in question.
Frequency and duration of use	Fertilizers containing boron are only used when there are insufficient boron levels in the soil to support crop growth.
Environment factors not influenced by risk management	Used on soils which have low concentrations of boron.
Other given operational conditions affecting environmental exposure	None
Organizational measures to prevent/limit release from site	Drift should be minimised.
Conditions and measures related to municipal sewage treatment plant	Not relevant
Conditions and measures related to external treatment of waste for disposal	Waste containing borates should be handled as hazardous waste.

**E-24.3. Exposure estimation**

ES1: Environmental Exposure Estimations	No significant unwanted releases are expected.
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**E-24.4. Guidance to DU to evaluate whether he works inside the boundaries set by the ES**

The DU works inside the boundaries set by the ES if either the proposed risk management measures or emissions (expressed in g/T) as described above are met or the DU can demonstrate on his own that his implemented risk management measures or emissions are adequate. Detailed guidance for evaluation of ES can be acquired via your supplier or from the ECHA website (guidance R16). For environmental exposure, a DU-scaling tool (free download: <http://www.arche-consulting.be/Metal-CSA-toolbox/du-scaling-tool>) is available.