


Product properties – Technical sheet

<p>HWS 2000 INSULATING FOAM</p>	<p>Item no.: 00 15 77</p>
<p>Areas of application</p>	<p>LISTED ON THE 'BETRIEBSMITTELLISTE' FOR ORGANIC FARMING IN GERMANY.</p> <p>HWS 2000 Insulating Foam is a strongly foaming product based on surfactants used to clear weeds free of herbicides.</p> <p>Using special foam generators it is possible to produce a strong, heat-insulating foam. This foam ensures that the hot water will impact on the plants and the roots for a longer time. HWS 2000 Insulating Foam is saving water and energy consumption for hot water preparation.</p> <p>HWS 2000 Insulating Foam is not using preserving agents, after the diluting with water an accelerated biological degradation appears. In the working concentration the product is classed as nontoxic and non-dangerous.</p> <p>HWS 2000 Insulating Foam is especially suitable for the application on sidewalks, railway tracks and yards.</p>
<p>Method of application</p>	<p>Using a suitable generator for hot foam:</p> <p>Concentration: 0.5 – 3.0 % Temperature: 80 – 90°C Time: 1 – 5 minutes</p> <p>For environmental measures the application of the product should have a break between the several uses during a year. The break prevents the ground from accumulation.</p>
<p>Material compatibility</p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Ceramics, Glass.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

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Analysis of concentration	n/a		
Physical and chemical properties			
Aspect/colour	Clear	Colourless – Slightly Yellowish	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Strong Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.025 – 1.045		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	4.5 – 6.5	n/a	n/a
Conductance (1 %, 20°C) mS/cm	n/a	n/a	n/a
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 35°C		
Remarks regarding biocides	n/a		
Hazardous products	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., hydroxides, inner salts		
Risk symbols			
	DANGER		
Special remarks	<p>Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container.</p> <p>Read in any case our safety data sheet before using the product!</p>		
Disposal	Disposal acc. to official regulations, in case of doubt contact the manufacturer.		

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.