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Agro Chemicals

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Product overview Agro Chemicals

Spreading and levelling agents

The polyether-modified trisiloxanes are super spreader and can be used in various applications. It does not matter if used for enhancing the spreading on the plant leafs of fungicide/pesticide or fertilizer solutions or used to reduce the amount of irrigation water by improving the water distribution. The very low surface tension of this chemistry guarantees highest performance.

Product	Chemistry	Surface tension		Active substance	Application	Availability
		0.01 %	0.10 %			
HANSA ADD 1050	Polyether modified trisiloxane	21 mN/m	21 mN/m	100 %	Use as a surfactant for universal formulation	Worldwide
HANSA ADD 1055		21 mN/m	20 mN/m	100 %	Standalone product as a super spreader or for blending	Worldwide
HANSA ADD 1060-RP		20 mN/m	20 mN/m	100 %	Ideal base for formulation spreading agents	Worldwide
HANSA ADD 1460	Polyether modified trisiloxane solution in glycols	23 mN/m	22 mN/m	60 %	Concentrate for easy dilution	Worldwide
HANSA ADD 1462		29 mN/m	23 mN/m	40 %	Concentrate for easy dilution	Mexico, India, Colombia
HANSA AC 1463		41 mN/m	24 mN/m	10 %	Ready to use product or for further dilution	India
HANSA AC LSN	Polyether siloxane	n/s	30 mN/m	100 %	Improves penetration and suitable for acid or alkaline formulations	Worldwide
HANSA AC 2001	Cationic polyether siloxane	25 mN/m	23 mN/m	100 %	For acid or alkaline formulations	Worldwide

Foam control

Silicone polymers are a perfect product class for managing foam of products with high surfactant content. Special the modified silicones are suitable for challenging formulations because they are suitable even for transparent or clear formulations. The products can be used as process aid during manufacturing agro chemicals or can be formulated as an antifoam for the final application.

Product	Chemistry	Contains silica	Active substance	Suitable for transparent formulations	Polarity		Availability
					Non-polar	Polar	
HANSA AC 1085	Polyether modified silicone	No	100 %	Yes			Worldwide
HANSA AC 5033 D	Polyether modified silicone	No	100 %	Yes			Worldwide
HANSA AC 5070 D	Polyether modified silicone	Yes	100 %	No			Worldwide
HANSA AC 5097	Polyether modified silicone	Yes	100 %	Limited			Worldwide
HANSA AC 5610	Polyether modified silicone	Yes	70 %	No			Worldwide
HANSA AC 5705	Blend of silicones and fatty acid surfactants	Yes	10 %	Limited			Non-EU countries
HANSA AC 5755	Polyether modified silicone	Yes	17 %	No			Worldwide
ICM JPA 15	PDMS blended on salt	No	15 %	No			Worldwide
ICM 3023	PDMS	Yes	20 %	No			Worldwide

Soil conditioner

AQUA-SIL products are able to modify the soil. Attach to the soil and conditions it to a hydrophilic state that has been shown to increase soil capillary activity and thereby increase water retention in soils, optimising irrigation activity.

Product	Chemistry	Active substance	Application	Availability
AquaSil	Emulsion of cationic silicone polymer and additives	35 %	Additive for soil treatments or in irrigation water	Australia
HANSA AC 2650	Emulsion of cationic silicone polymer	37 %	Base for formulating soil treatments	Worldwide

You need further information?
Please contact us: agriculture@cht.com

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