

Biomethics® Emulsifier Solanum W/O

Chemical Composition:

Component	Legislation
Solanum Tuberosum (Potato) Starch	CAS No. 9005-25-8 EINECS No. 232-679-6
Helianthus Annuus (Sunflower) Seed Oil	CAS No. 8001-21-6 EINECS No. 232-273-9
Hydrogenated Lecithin	CAS No. 92128-87-5 EINECS No. 295-786-7
Helianthus Annuus (Sunflower) Wax	CAS No. 100209-44-7 EINECS No. 309-352-2
Limnanthes Alba (Meadowfoam) Seed Oil	CAS No. 153065-40-8 EINECS No. 310-127-6
Xanthan Gum	CAS No. 11138-66-2 EINECS No. 234-394-2
Phenoxyethanol	CAS No. 122-99-6 EINECS No. 204-589-7

INCI Name: Solanum Tuberosum (Potato) Starch (and) Helianthus Annuus (Sunflower) Seed Oil (and) Hydrogenated Lecithin (and) Helianthus Annuus (Sunflower) Wax (and) Limnanthes Alba (Meadowfoam) Seed Oil (and) Xanthan Gum (and) Phenoxyethanol

Technical Information:

Appearance	Off-white to beige agglomerates
Odour	Characteristic
Viscosity (20°C - 10% in Water) (Lamy Tve-05 - Spindle: MS-BV 100 - Speed: 200 rpm)	100 - 300 Pa.s
pH (20°C - 10% in Water)	5,5 - 7,5
Solubility	Dispersible in water
Shelf Life	Minimum 3 years

Description: Biomethics® Emulsifier Solanum W/O is a natural emulsifier for W/O systems. It is surfactant free and PEG-free. The emulsifier is available preserved with our standard preservation system. It can be preserved also with the preservative system of customer's choice.

Biomethics® Emulsifier Solanum W/O should be dissolved in the oil phase in a water bath at 70-75°C. After 15-20 minutes when Biomethics® Emulsifier Solanum W/O has been completely dissolved, add to the water phase. Mix under strong agitation for 15-20 minutes while keeping the mixture at 70°C. The homogenization has to be done while the emulsion is still at 70°C. Homogenize for 5 minutes at 6000 rpm. If homogenized as cold, the emulsion structure will break down.

Typical use level: 4-5%

Before using this material see the MSDS.

This technical information is offered as a guide not a guarantee.



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