

Technical data sheet [version 2007-01]

Trade name: **EQUIPERM**
japanese standard code: not registered in Japan
CTFA Number: 211

INCI Designation: Water (and) Palmitoyl Mare Milk (and) Sodium Citrate (and) Sodium Chloride (and) Sodium Palmitate (and) Citric Acid (and) Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben (and) Isobutylparaben

CAS Number: 732.18.5 / 57.10.3 - Mare Milk / Sodium Citrate / Sodium Chloride / Sodium Palmitate / Citric Acid / 122.99.6 / 99.76.3 / 94.26.8 / 120.47.8 / 94.13.3 / 247.02.3

Specification

Appearance: uniform white product of middle to low viscosity
Smell: odourless or fresh raw material odour
pH-value: 5 - 7
Dry substance: 19 - 25%
Microbiological Status: < 100 cfu/g
Pathogenous germs: none
heavy metals: < 20 ppm
Polycyclic aromatic hydrocarbons: < 20 ppb
Chlorinated organic pesticides: not detected

Composition

Chemical / Trade Name	INCI Name	%
Deionized Water	Water	80,000
Palmitoyl Mare Milk	Palmitoyl Mare Milk	17,500
Sodium Citrate	Sodium Citrate	0,800
Sodium Chloride	Sodium Chloride	0,800
Sodium Palmitate	Sodium Palmitate	0,400
Citric Acid	Citric Acid	0,200
Euxyl K 300	Phenoxyethanol	0,180
	Methylparaben	0,060
	Butylparaben	0,015
	Ethylparaben	0,015
	Propylparaben	0,015
	Isobutylparaben	0,015

The raw materials are of animal and synthetic origin.
The product is GMO free.

Function

Properties: The condensation product from maremilk biomass and activated fatty acids shows proven increasement of skin elasticity and skin moisture as well as wrinkle smoothing properties owing to stabilization of elastin fibers of the skin.
Epicutan-testing of EQUIPERM led not to any undesired reactions of the skin.
As parts of the biomass such minor components as vitamins or minerals are delivered for the cosmetical formulation.

Concentration in Formulations: 0,5-30 % (m/m) depending on purpose of application and formulation aim.

special effects are

- stabilization of emulsions and gels,
- Raw proteins and carbohydrates for care and stimulation of skin cells,
- stabilization of skin cells

Storability: One year with conservation by Euxyl K 300 and proper storage in original packing.

Environmental Compatibility: The organic components are biologically degradable.
Minerals are natural substances.

Safety Data: According to the EEC regulations

Berlin, 19.01.2007

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