

DEFINITION

Solution of monomethylsilanetriol glutamate.
I.N.C.I. name : SILANETRIOL GLUTAMATE

ANALYTICAL COMPOSITION

1 kg of GLUTASIL C contains :

Monomethylsilanetriol	3.0 g	
in which silicon is		0.9 g
Glutamic acid	4.7 g	

CHARACTERISTICS

Very slightly opalescent liquid, colorless
pH about 5.5
Specific density at 20° C about 1.0
Miscible with water, alcohols and glycols

INCOMPATIBILITIES

GLUTASIL C must not be exposed to temperatures below 0°C.

TOXICITY

GLUTASIL C is not toxic.
Tolerance is perfect : cytotoxicity and test on reconstituted epidermis.

ACTIVITIES

Biological moisturization.
Tissue restructuring.
Effects on cutaneous ageing : even at low concentration, GLUTASIL C stimulates molecules implied in cell communication.

USING INDICATIONS

Cutaneous moisturization.
«Mature skin» products.
Skin regeneration and maintenance, anti aging formulations.

USING CONDITIONS

Active designed for the manufacture of cosmetic and health products such as milks, emulsions, creams, lotions, solutions...
The stability and activities of GLUTASIL C are linked to its pH. Products into which it is to be incorporated must have a pH of between 4.5 and 6.5.

PRESERVATION

GLUTASIL C contains the following preservatives :

Sodium methyl parahydroxybenzoate	0.128 %
Propyl parahydroxybenzoate	0.032 %

DOSES TO BE USED

Between 2 and 4 %

LITERATURE

Documents available on request.