



Activys® Red-Out

A solution for redness-prone skin



Formulation Guidelines



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Formulation Basic Data

0 Product Code :	OCE0005
0 Product Name :	Activys® Red-Out
0 Product Technology :	Activys® Capsule Technology
0 INCI :	WATER (AQUA), CAPRYLIC/CAPRIC TRIGLYCERIDE, GLYCERIN, SORBITOL, PROPANEDIOL, PHOSPHATIDYLCHOLINE, DOCOSAHEXAENOIC ACID, PINUS PINASTER BARK EXTRACT, XANTHAN GUM, EICOSAPENTAENOIC ACID, TOCOPHERYL ACETATE, PHYTOSPHINGOSINE, CURCUMA LONGA (TUMERIC) ROOT EXTRACT. <i>Additives:</i> ETHYLHEXYLGLYCERIN, TETRASODIUM GLUTAMATE DIACETATE
0 Product Claims (*) :	Controls redness and skin discomfort Anti-inflammatory activity (<i>in vitro</i>) Reduces red spot number and area Reinforces skin barrier function Redness targeting
0 Product Form :	Characteristic viscous solution

Formulation Guidelines

0 Application Areas :	Skin Care, Body Care.
0 Solubility :	Dispersible in water; insoluble in oil.
0 Dosage :	1.0 - 3.0 %
0 Processing Temperature :	Does not tolerate high temperature. Required to be processed below 40°C (104°F).
0 Recommended pH :	Activys® Red-Out can be pH sensitive depending on the formulation and ideally it should be used at neutral or slightly acidic pH. Recommended pH is between 4.5 - 8.0.
0 Mode of incorporation :	Activys® Red-Out and its mode of incorporation is very simple and can be added in a variety of personal care formulations. The general recommendation is to add it directly into the water phase of the final product, cold processable or below 40°C. There are no special requirements or limitations as regards for mixing equipment to be used.
0 Aqueous Systems :	Activys® Red-Out is easily incorporated into the aqueous phases of cosmetic formulations (i.e. aqueous gels, O/W, W/O or Si/W emulsions) directly as the solution at recommended doses mentioned above. Activys® Red-Out is dispersible in water only; therefore in transparent formulations and depending on the usage level, product may provide slight turbidity. It should be considered that Activys® Red-Out can have a slight impact on the colour of the final finished product due to the characteristic aspect of the solution. For complete fluid systems, it is advisable to include a rheology modifier or stabiliser to avoid appearance of volute or sedimentation with time. If necessary, the use of 2-5% solubilizing agent can be used to facilitate the incorporation of the product into the final formulation.
0 Emulsion Systems :	As mentioned, Activys® Red-Out can be readily incorporated into the aqueous phases of the emulsion systems, or it can also be incorporated post emulsification at or below 40°C depending on the formulation. It is advisable to use high mechanical stirring when incorporating so that the solution is incorporated homogeneously. Activys® Red-Out is sensitive to extreme heat therefore it is recommended to avoid temperatures above 40°C.
0 Rinse Off Applications :	Activys® Red-Out can also be included in rinse off/cleansing formulations. The product can be added directly into the final formulation per se. It should be considered that Activys® Red-Out is salt intolerant and this can affect the integrity of the capsule. It is advisable to use only non-ionic surfactants when considering cleansing formulations, and limit the amount of high cationic or anionic surfactants.

(*) Cosmetic claims are under tension and are constantly being examined in the light of the Common Criteria with which they must comply in order to be used.
The listed claims are not subjected to legal framework nor a list of authorized claims to end cosmetic products and they are only provided as a reference.