

TECHNICAL DATA SHEET

Trade Name:	SUNTAN PLUS		
INCI:	Didyroxycetone; Erythrulose; Trehalose; water		
Cas. No:	96-26-4; 533-50-6; 6138-23-4; 7732-18-5		
EINECS:	202-494-5; 443-800-9; 612-140-5; 231-791-2	Article No:	778292

ITEM	STANDARD
Appearance	Light yellow, highly viscose liquid
pH (in 10% water)	2.0 ~ 4.0
Erythrulose content (m/m)	20.0 ±2.0%
Dihydroxycatone content (m/m)	55.0±2.0%
Sulfated Ash	≤0.5%
Preservative	None
Lead	≤10 mg/Kg
Arsenic	≤2 mg/kg
Mercury	≤1 mg/Kg
Cadmium	≤5 mg/Kg

MICROBIOLOGICAL ASSAY

Total Plate count	≤100cfu/g
Total yeast & Mold	≤100 cfu/g
Specified pathogens	Negative

TECHNICAL DATA SHEET

Product Description:

SUNTAN PLUS: The tanning effect results from the combination of L-Erythrulose and Dihydroxyacetone (DHA), enhanced by innovative technology known as "tanning age". These active ingredients trigger the Maillard reaction, producing a long-lasting brown color on the skin, similar to that achieved through prolonged sun exposure. This brown tone gives the skin a healthy and beautiful appearance. When used together, natural L-Erythrulose and DHA prolong the Tan more effectively than DHA alone.

Application:

Facial care, body care, hair care, lotion, essence, cream, etc.

Storage:

Airtight, protected from light, at a temperature between +2C° to +10C°

Dosage:

1.0%-15.0%

Shelf time:

2 years from manufacturing date

Statement:

- 1) pH: it keeps steady from acidity to faint acidity in pH value
- 2) Heat: Cryogenically preserved
- 3) Light: it should be kept out of light
- 4) Metal ion: Avoiding metal ion (Fe²⁺, Cu²⁺) and adding chelant during the formula