

# Safe City Day Cream

Push Off Pollution! Light day cream with rich after feel not only protects cells against pollution. **Pollufence** is a natural mixture of extracts which protects and repairs cells thanks to high antioxidant activity. **Sil-O-San 8612C** creates a low viscosity serum with spreading enhancer. **Buriti Oil** possesses natural elements which moisturize, repair and nourish the skin. **Acai Berry Oil** is rich in phenolics, has anti-inflammatory properties and is full of antioxidants. **KEM CP** preservative with low odor impact that is effective in wide pH range. Use level 0.8-1.2% without further preservatives.

No.	Trade name	INCI name	Dosage % wt.	Supplier
1	Water	AQUA	69.78	
2	Carbomer 380	CARBOMER	0,5	Tinci
3	Almond Oil	PRUNUS AMYGDALUS DULCIS OIL	10	Kerfoot
4	Buriti Oil	MAURITIA FLEXUOSA FRUIT OIL	0.2	Kerfoot
5	Acai Berry Oil	EUTERPE OLERACEA FRUIT OIL	0.2	Kerfoot
6	Rofetan CCC	COCO-CAPRYLATE/CAPRATE	5	Ecogreen
7	Ceteareth-20	CETEARETH-20	2	Various
8	UV Complex OCR-AB	OCTOCRYLENE, BUTYL METHOXYDIBENZOYLMETHANE, ETHYLHEXYL DIMETHYL PABA, ETHYLHEXYL SALICYLATE, C12-15 ALKYL BENZOATE	5	Chemservis
9	Shea Butter	BUTYROSPERMUM PARKII BUTTER	0,5	Kerfoot
10	Glycerine	GLYCERINE, AQUA	1	Various
11	Coenzyme Q10	UBIQUINONE	0,02	Various
12	Pollufence	AQUA, GLYCERIN, PUNICA GRANATUM PEEL EXTRACT, SAMBUCUS NIGRA FRUIT EXTRACT, PRUNUS CERASUS EXTRACT, HYDROLYZED WHEAT PROTEIN, SODIUM BENZOATE, POTASSIUM SORBATE, CITRIC ACID,	2	Bionorm
13	parfum Jar 5017963_008	PARFUM	0.2	Düllberg
14	KEM CP	PHENOXYETHANOL, CHLORPHENESIN, ETHYLHEXYLGLYCERIN	1,5	Akema
15	Sil-O-San 8612C	PEG/PPG-20/20 DIMETHICONE	2	Schill and Seilacher
16	Triethanolamin	TRIETHANOLAMIN	q.s.	Various

Please contact your regional HDS Chemie sales representative to ensure that all products are distributed in your country

#### Procedure

- Fill water and carbomer (1+2) into container and mix well till the lumps disappear (approx. 10-15 minutes).
- Heat water phase up to 75°C.
- In second duplicator stir and heat ingredients (3,4,5,6,7,8,9) up to 75°C. (Oily phase)
- The moment the both phases (water, oily) achieve 75°C, pump oily phase into water phase and homogenize well (approx. 10-15 minutes).
- Stop heating and start to cool down to 30-35°C.
- In a separate container mix the ingredients (10+11).
- Add this mixture from separate container to emulsion. Stir well.
- Add ingredients (12,13,14,15) step by step to the emulsion and stir well.
- Measure pH. The permitted range is 5-6.
- In the case of low pH set up the value by triethanolamine or sodium hydroxide.

#### Stability

product was stable during 4 weeks with repeated cycles from 5°C to 40°C

References: 170118

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