

Glow Kit

Illuminating Glow Lotion

A refreshing light lotion that is easy to spread, quick absorbing and provides an instant moisture boost and skin glow. It is enhanced with the unique active ingredient, Hydrasynol™ IDL which delivers moisture and radiance. This increases the skin's natural moisture factor and also helps increase skin cell turnover, providing a healthy glow without irritation.

ACULYN™

Rheology modifiers that provide the technology to thicken, enhance texture, provide suspension and stability across many product applications.

- Tunable rheology
- Provide clear formulations, suspends beads and bubbles
- Useful as polymeric emulsifiers (surfactant-free, less irritating)
- Liquid, easy to incorporate, cold process
- Broad formulation compatibility

DermaPep™ T430—A Functional Peptide for Skin Self-tanning

- Myristoyl tetrapeptide-20 is a short peptide that exerts effective tanning without harmful UV irradiation.
- Acts as a MC1R agonist, activating certain genes involved in the process of pigmentation.
- Reduces UVB-induced inflammation and thereby provides significant photo protective effect.

DOWSIL™ EL7040 Hydro Elastomer Blend

- Provides vast array of textures and effects (rich creams, airy mousses, structured gels)
- Compatible with both water based systems' and organics
- Tolerates high levels of water or glycerin

DOWSIL™ ES-5373 Formulation Aid

(O/W) emulsifier which enables high oil phase load with low odour. It can emulsify silicones and natural emollients.

- Ease of Use: Water dispersible, direct addition with cold or hot processing
- Minimal Use level: 1.5% – 5%
- Formulation flexibility
- High oil phase load capacity
- Low viscous lotion/cream to liquid spray
- Superior aesthetics and very low odor
- Light sensory

DOWSIL™ FZ-3196 Cosmetic Fluid

- Wide compatibility, co-solubilizer between silicones and organics
- Superior aesthetics, great skin feel, reduces greasiness of vegetable oils and colourless, easy to formulate with
- Pigments, UV filter and fine particle dispersing agent

DOWSIL™ HMW 2220 Non-Ionic Emulsion

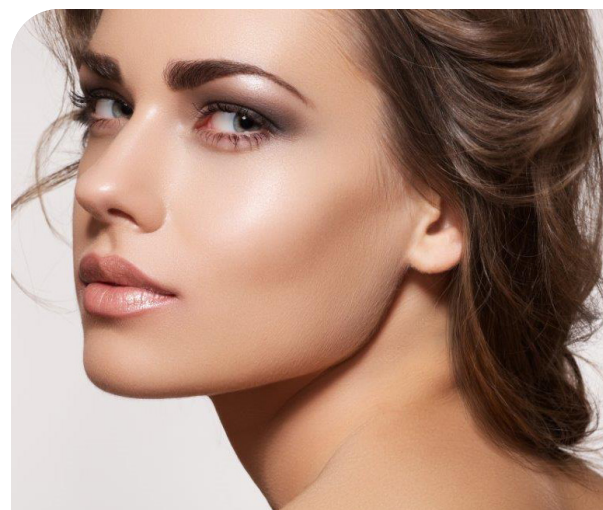
- Imparts rich feel to formulations
- Wash-off resistance
- Film barrier properties
- Viscosity builder

EcoSmooth™ OptiTouch

- Soft focus effect (better than nylon-12 and PMMA technologies at same use levels)
- Visual reduction of lines and skin imperfections
- Delivers superior matte effect
- No whitening effect, creates velvety skin after-feel, designed for the water phase addition and affordable

HydraSynol™ IDL (Isosorbide Disunflowerseedate)

- Builds a healthy barrier by stimulating multiple genes, proteins, and lipids
- Boosts epidermal hydration by increasing filaggrin
- Stimulates epidermal lipids—ceramides, fatty acids and cholesterol
- Modulates natural exfoliation factors



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Formula No. FCUN-18-1

#	TRADE NAME	INCI NAME	FUNCTION	WT%	SUPPLIER
PHASE 1					
1	Water	Aqua	Diluent	55.00	Univar Solutions
2	Aculyn™ 38	Acrylates/Vinyl Neodecanoate Crosspolymer	Rheology modifier/texture enhancer	2.00	DOW®/Univar Solutions
3	DermaPep™ T430	Myristoyl Tetrapeptide-20 (and) Glycerin (and) Butylene Glycol	Tanning peptide	3.00	BeadTech/Univar Solutions
4	Aculyn™ Excel	Acrylates Copolymer	Rheology modifier/texture enhancer	1.00	DOW®/Univar Solutions
5	Ecosmooth™ Optitouch	Ethylene/Octene Copolymer and Ethylene/Sodium Acrylate Copolymer	Sensory polymer, optical blurring	8.50	DOW®/Univar Solutions
6	Propylene Glycol	Propylene Glycol	Humectant	4.00	Univar Solutions
PHASE 2					
7	Dowsil™ ES 5373 Formulation Aid	Peg 12 Dimethicone	Emulsifier	4.00	DOW®/Univar Solutions
8	Dowsil™ FZ 3196 Cosmetic Fluid	Caprylyl Methicone	Emollient	11.00	DOW®/Univar Solutions
9	Dowsil™ EL 7040 Hydro Elastomer Blend	Caprylyl Methicone (and) PEG-12 Dimethicone/PPG-20 Crosspolymer	Sensory enhancer/texture	2.00	DOW®/Univar Solutions
10	Hydrasynol™ IDL	Isosorbide Disunflowerseedate	Hydration, skin barrier builder, glow enhancer	2.00	Sytheon/Univar Solutions
11	Neobee® M5	Caprylic/Capric Triglyceride	Emollient	4.50	Stephan/UnivarSolutions
PHASE 3					
12	Dowsil™ HMW 2220 Non Ionic Emulsion	Divinyldimethicone/Dimethicone Copolymer (and)C12-13 Pareth-3 (and) C12-13 Pareth-23	Aminomethyl Propanol	2.00	DOW®/Univar Solutions
PHASE 4					
13	Fragrance	Fragrance	Fragrance	Q.S	Alpha aromatics/ Univar Solutions
14	Lincoserve™ CG-7	Phenoxyethanol/Caprylyl Glycol/ Ethylhexyl Glycerin/Hexylene Glycol	Preservative	1.00	Lincoln Fine Chemicals/ Univar Solutions
PHASE 5					
15	AMP ULTRA® PC 2000	Aminomethyl Propanol	pH adjuster	Q.S	Angus/Univar Solutions
Total				100%	

- PROCEDURE**
1. Add ingredients into the main vessel and mix until homogeneous.
 2. Add ingredients into another vessel and mix until homogeneous.
 3. Add Phase 2 into Phase 1 while mixing. Homogenize for 3 minutes. Add in ingredient No. 12.
 4. Add in ingredients No. 13 and 14.
 5. Adjust pH to 7.1.

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