



VIVANT

PHARMACEUTICALS

LIVE LONG. PREPARE WELL.

Scale of comedogenic and irritant potential of cosmetic ingredients in grades from 0 (least) to 5 (most)

Ingredient	Grade 0-5 Comedo †	Irrit ‡
I. Lanolins and derivates		
Acetylated Lanolin	4	0
Anhydrous Lanolin	1	1
Lanolin Alcohol	1	1
Peg 16 Lanolin (Solulan 16)	4	3
PEG 75 Lanolin	0	0

Ingredient	Grade 0-5 Comedo †	Irrit ‡
III. Alcohols, Sugars & Their Derivatives (cont.)		
Laureth-4	5	4
Laureth-23	3	0
Oleth-3	5	2
Oleth-10	2	1
Oleth-20	1	1

II. Fatty Acids and their Derivatives		
Lauric Acid	4	1
Myristic Acid	3	0
Palmitic Acid	2	0
Stearic Acid	2	0
Behenic Acid	0	0
Isopropyl Myristate	5	3
Isopropyl Palmitate	4	1
Isostearyl Neopentanoate	3	3
Myristyl lactate	4	2
Myristyl Myristate	5	2
Octyldodecyl Stearate	0	0

IV. Waxes		
Candelila Wax	1	1
Carnuba Wax	1	1
Beeswax	0-2*	0-2*
Jojoba Oil	1	1

V. Thickeners		
Carboxymethylcellulose	0	0
Hydroxypropylcellulose	1	0
Magnesium Aluminum Silicate	0	0
Carbomer	1	0
Bentonite	0	0
Kaolin	0	0
Talc	1	0

III. Alcohols, Sugars & Their Derivatives		
Isopropyl Alcohol	0	0
Cetyl Alcohol	2	2
Stearyl Alcohol	2	2
Propylene Glycol	0	0
PG Dicaprylate/Caprates	1	0
Sorbitol	0	0
Polysorbate 20	0	0
Polysorbate 80	0	0
Glycerin	0	0
Glyceryl Stearate NSE	1	0
Glyceryl Stearate SE	3	2
Pentaerythritol Tetracapric/caprylate	0	0

VI. Oils *		
Cocoa Butter	4	0
Coconut Butter	4	0
Sesame Oil	2	0
Corn Oil	2	0
Avocado Oil	2	0
Evening Primrose Oil	2	2
Mink Oil	3	1
Soybean Oil	3	0
Shark Liver Oil	3	2
Apricot Kernel Oil	2	0
Castor Oil	1	0
Squalene	1	0
Safflower Oil	0	0
Sunflower Oil	0	0
Mineral Oil	0	0

* Results depend on source of raw material



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VII. Pigments		
D & C Red #6	1	0
D & C Red #19	2	0
D & C Red #27	2	0
D & C Red #30	3	0
Ultramarine Violet	0	0
Iron Oxide	0	0
Carmine	0	0
Titanium Dioxide	0	0

Sunscreen & Misc	Grade 0-5 Comedo †	Irrit ‡
XII. Misc		
Octyl Dimethyl PABA	0	0
Oxybenzone	0	0
Octyl Methoxycinnamate	0	0
Octyl Salicylate	0	0
Zinc Oxide	1	0
Zinc Stearate	0	0
Triethanolamine TEA	2	0
Stearic Acid: TEA	3	0
Sodium PCA	0	0

VIII. Silicons & Cholesterols		
Dimethicone	1	0
Cyclomethicone	0	0
Cholesterol	0	0
Soy Sterol	0	0
Peg 5 Soya Sterol	0	0

X. Vitamins & Herbs		
Tocopherol	2	2
Tocopheryl Acetate	0	0
Black Walnut Extract	0	0
Chamomille Extract	0	0
Vitamin A Palmitate	2	1
Panthenol	0	0

XI. Preservatives & Additives		
Methyl Paraben	0	0
Propyl Paraben	0	0
Allantoin	0	0
Hydantion	0	0
Sodium Hyaluronate	0	0

† comedogenicity or ability of test substance to produce follicular hyperkeratosis

‡ Irritancy or ability to test substance to produce surface epithelial irritation

* Results depend on source of raw material

Avoid the ingredients with the higher numbers

Vivant Pharmaceuticals

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