

IFRA CONFORMITY & EU FRAGRANCE ALLERGEN DECLARATION

Delta Damascone

Product Name: Delta Damascone

Chemical Name: δ -Damascone

EU Name: Rose Ketone 3 (Delta-Damascone)

CAS No.: 57378-68-4

EC No.: 260-709-8

Molecular Formula: $C_{13}H_{20}O$

Molecular Weight: 192.30 g/mol

Grade: Cosmetic / Perfumery Grade

IFRA specifically includes CAS 57378-68-4 (δ -Damascone) within its Rose Ketones Standard. The restriction is driven by dermal sensitization, and the limits apply to Rose Ketones individually or in combination—the total of the applicable rose-ketone isomers must not exceed the stated limit.

IFRA Maximum Usage Levels

IFRA Category Maximum in Finished Product

Category 1	0.0077%
Category 2	0.0023%
Category 3	0.046%
Category 4	0.043%
Category 5A	0.011%
Category 5B	0.011%
Category 5C	0.011%
Category 5D	0.011%
Category 6	0.025%

IFRA Category Maximum in Finished Product

Category 7A	0.088%
Category 7B	0.088%
Category 8	0.0045%
Category 9	0.084%
Category 10A	0.30%
Category 10B	0.30%
Category 11A	0.17%
Category 11B	0.17%
Category 12	No Restriction

These are the maximum acceptable concentrations in the finished consumer product given in IFRA's Rose Ketones Standard.

For example, fine fragrance/perfume is Category 4, giving a maximum Rose Ketones concentration of 0.043% in the finished product under this standard.

EU FRAGRANCE ALLERGEN DECLARATION

Under EU Cosmetics Regulation (EC) No 1223/2009, as amended by Commission Regulation (EU) 2023/1545 and its subsequent corrigendum, Delta-Damascone CAS 57378-68-4 is specifically included in Annex III entry 157 under the grouped declaration “Rose Ketones.”

EU Regulatory Name: Rose Ketone 3 (Delta-Damascone)

CAS: 57378-68-4

EC: 260-709-8

Ingredient-list declaration: Rose Ketones

For other cosmetic products, the Annex III maximum concentration is 0.02% in the ready-for-use preparation.

The presence of the relevant substance or substances must be indicated collectively as “Rose Ketones” in the cosmetic ingredient list when their concentration exceeds 0.001% (10 ppm) in leave-on products or 0.01% (100 ppm) in rinse-off products.

Declaration

Delta Damascone (CAS 57378-68-4) is an IFRA-restricted Rose Ketone and is included within the EU “Rose Ketones” fragrance-allergen grouping. The IFRA limit and the EU regulatory maximum are separate requirements. For a product placed on the EU market, the finished formulation must comply with all applicable requirements; therefore, the more restrictive applicable limit may determine the usable concentration.



DISCLAIMER, FARNESOL. The information contained in this Certificate of Analysis (COA) for Farnesol (CAS No. 4602-84-0) is believed to be accurate and is provided in good faith based on data available at the time of preparation. This COA applies solely to the specific batch identified herein and is intended to report the analytical results obtained for that batch. This document is provided for informational and quality-control purposes only and does not constitute a warranty, representation, or guarantee of any kind, whether express or implied, including, without limitation, any warranty of merchantability, fitness for a particular purpose, or non-infringement. The purchaser and user are solely responsible for determining the suitability of Farnesol for their intended application and for ensuring compliance with all applicable laws, regulations, IFRA Standards, cosmetic regulations, fragrance-allergen requirements, and industry standards governing the handling, storage, transportation, formulation, use, processing, labeling, and disposal of the product. Botanic Planet Canada Inc. shall not be liable for any direct, indirect, incidental, consequential, or special damages arising from the handling, storage, transportation, formulation, use, misuse, processing, or disposal of this product. To the extent permitted by applicable law, any liability of Botanic Planet Canada Inc., whether arising in contract, tort (including negligence), strict liability, or otherwise, shall be limited to the purchase price of the product supplied. Any dispute arising out of or relating to the sale or use of this product shall be governed by the laws of the Province of Ontario and the applicable federal laws of Canada. The parties agree that the courts of the Province of Ontario, Canada, shall have exclusive jurisdiction over any such dispute.

Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca