

IFRA & EU REGULATORY CONFORMITY STATEMENT

ROSE OXIDE

Item	Information
Product Name	Rose Oxide
Chemical Name	2-(2-Methylprop-1-enyl)-4-methyltetrahydropyran
CAS No.	16409-43-1
EC No.	240-457-5
Molecular Formula	C ₁₀ H ₁₈ O
Molecular Weight	154.25 g/mol
Function	Aroma Chemical / Fragrance Ingredient

The CAS number and EC identification above are consistent with EU records for Rose Oxide.

IFRA Conformity

Rose Oxide is used as a fragrance ingredient. IFRA Standards are a risk-management system that may prohibit, restrict, or impose specifications on particular fragrance materials where safety assessment requires them. Not every fragrance ingredient has its own individual IFRA Standard.

Based on the currently published IFRA Standards through the 51st Amendment, this statement should not assign invented Category 1–12 maximum percentages to Rose Oxide unless the exact commercial material or one of its constituents is covered by an applicable Standard.

IFRA Application Categories

IFRA Category	Rose Oxide Status
Category 1	No specific individual Rose Oxide limit stated
Category 2	No specific individual Rose Oxide limit stated
Category 3	No specific individual Rose Oxide limit stated
Category 4	No specific individual Rose Oxide limit stated

IFRA Category	Rose Oxide Status
Category 5A–5D	No specific individual Rose Oxide limit stated
Category 6	No specific individual Rose Oxide limit stated
Category 7A–7B	No specific individual Rose Oxide limit stated
Category 8	No specific individual Rose Oxide limit stated
Category 9	No specific individual Rose Oxide limit stated
Category 10A–10B	No specific individual Rose Oxide limit stated
Category 11A–11B	No specific individual Rose Oxide limit stated
Category 12	No specific individual Rose Oxide limit stated

This does not mean unrestricted or automatically safe at 100%. The finished formulation must be assessed for its intended use, exposure, composition, applicable IFRA Standards, and regulatory requirements.

EU Regulatory Statement

Rose Oxide is identified in EU records under CAS 16409-43-1 and EC 240-457-5.

For cosmetic products marketed in the European Union, the finished product manufacturer remains responsible for compliance with applicable EU cosmetic requirements, including ingredient safety assessment and any applicable fragrance-allergen declaration requirements.

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