Aurelione®

BIODEGRADABLE INGREDIENT
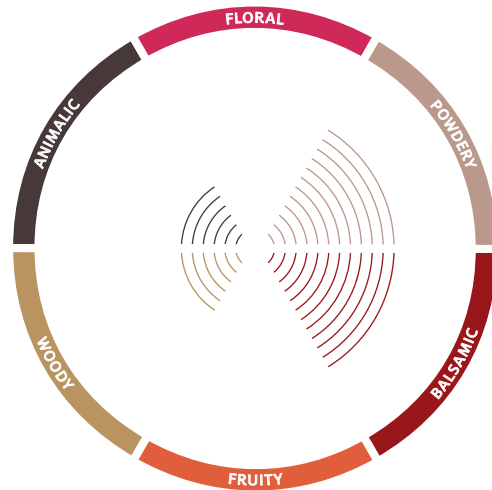BY SYMRISE

› 600098
› EU-REACh 01-0000018950-67

› cas 88642-03-9, 3100-36-5, 2550-59-6

Pu Perfumery Use

› imparts an erogenous, skin-like effect
› displays a radiance throughout the fragrance
› reflects musk ketone aspects
› synergistic effects occur by combining
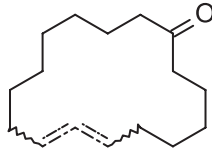 with other MCM ketones and lactones
› recommended use level: 1 – 20 %

O Odor

› Musky, Balsamic, Powdery

FLORAL · POWDERY · BALSAMIC · FRUITY · WOODY · ANIMALIC

Cs Chemical Structure

› Cyclohexadec-8(7)-en-1-one
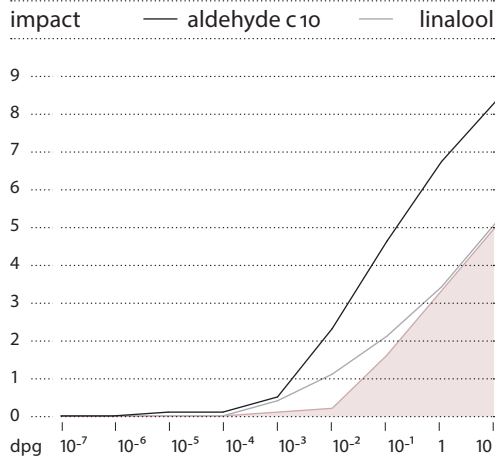
$C_{16}H_{28}O$

Tb Tenacity on Blotter

hours			days			months		
<1	3	10	1	3	10	1	3	>3

Pd Product Data

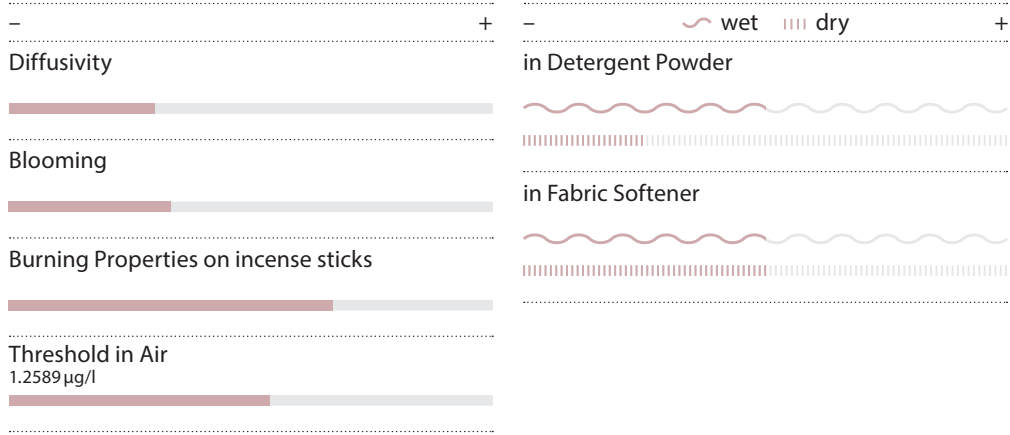|		
›	Appearance	colorless to pale yellow liquid to solid
›	GC Purity	min. 93 % (Σ isomers)
›	Flash Point	> 100 °C
›	MW	236.4 g/mol
›	BP	341.3 °C
›	Log P (k_{ow})	5.82
›	Stabilizer	no
›	Occ. in Nature	no
›	Biodegradability	80.0 % (readily)
›	Chem. Class.	macrocyclic ketone

Dr Dose Response

impact —— aldehyde c 10 —— linalool

| dpg | 10^{-7} | 10^{-6} | 10^{-5} | 10^{-4} | 10^{-3} | 10^{-2} | 10^{-1} | 1 | 10 |

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› 600098

P Performance

–	+

Diffusivity

Blooming

Burning Properties on incense sticks

Threshold in Air
1.2589 µg/l

–	〜 wet ⅢⅢ dry	+

in Detergent Powder

in Fabric Softener

S Stability

Dos. %	3 months at 40 °C	pH	– Discoloration +	– Odor +
› 4.0	Eau de Toilette	–		
› 1.2	Soap	9 – 10		
› 1.0	AP Roll-On 15 % ACH	4		
› 1.0	Deostick, Stearate	8.5		
› 0.5	Shampoo/Shower Gel	6		
› 0.4	Hair Conditioner	4		
› 0.3	Body Lotion	6.5		
› 0.6	Fabric Softener Conc.	2.5		
› 0.5	Detergent Heavy Duty Liquid	8.5		
› 0.3	Detergent Powder Conc.	10		
› 8.0	Rimblock Liquid	7		
› 0.3	Cleaner APC Liquid	8 – 10		
› 0.3	Cleaner Liquid Citric Acid	2		