

Citronitrile

- > 611455
- > EU-REACH 01-2120743785-44

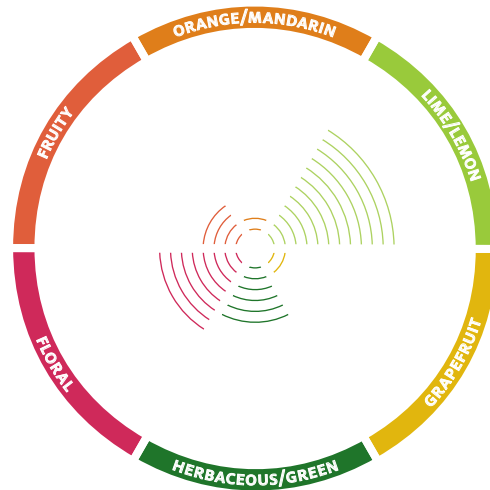
- > CAS 93893-89-1, 53243-60-0, 53243-59-7

Pu Perfumery Use

- > useful as main ingredient to create stable citrus accords
- > prolongs citrus top notes
- > blends well with floral rosy and balsamic oriental notes
- > recommended use level: 1 – 20 %

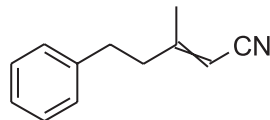
O Odor

- > Citrus, Rosy, Waxy, Cinnamon, Coriander



Cs Chemical Structure

- > (E)-3-Methyl-5-phenylpent-2-enitrile and (Z)-3-Methyl-5-phenylpent-2-enitrile



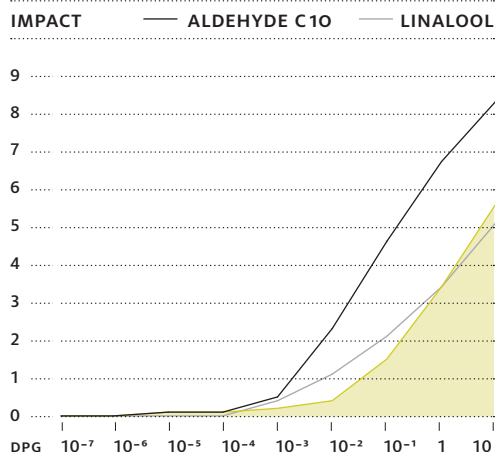
Tb Tenacity on Blotter

| HOURS | | | DAYS | | | MONTHS | | |
|-------|---|----|------|---|----|--------|---|-----|
| < 1 | 3 | 10 | 1 | 3 | 10 | 1 | 3 | > 3 |

Pd Product Data

- > **APPEARANCE** clear, colorless to pale yellow liquid
- > **GC PURITY** min. 94% (sum of isomers)
- > **FLASH POINT** > 100 °C
- > **MW** 171.3 g/mol
- > **BP** 297.2 °C
- > **LOG P (K_{ow})** 3.37
- > **STABILIZER** no
- > **OCC. IN NATURE** no
- > **CHEM. CLASS.** nitrile

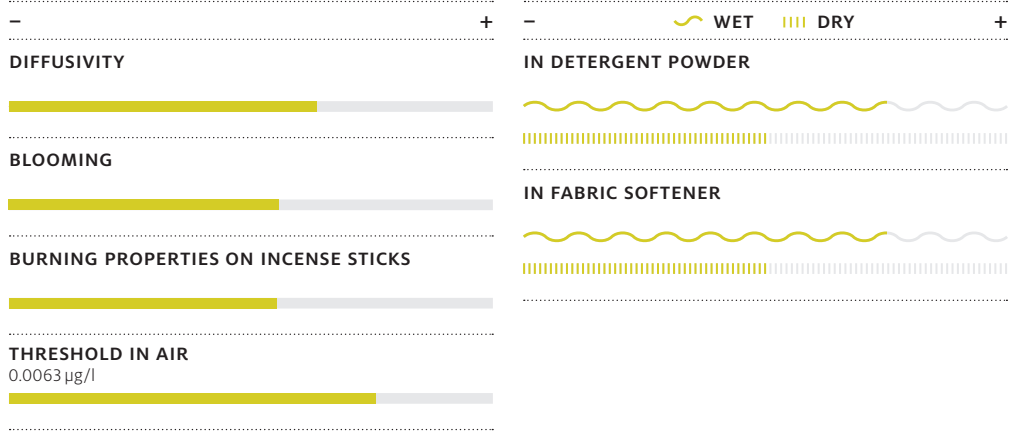
Dr Dose Response



Citronitrile

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P Performance



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 | | | | | | |

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