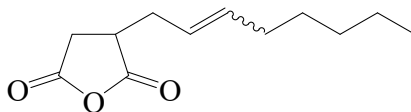




>>Entry Name: Dihydro-3-(2-octenyl)-2,5-furandione, 9CI

Synonym(s): 2-Octenylsuccinic anhydride, 8CI. OSA



CAS Registry Number: 42482-06-4

Related CAS Registry Numbers(s): 26680-54-6

Extra CAS Registry Numbers(s): 81949-83-9 81949-84-0

Molecular Formula: C<sub>12</sub>H<sub>18</sub>O<sub>3</sub>

Molecular Weight: 210.272

Accurate Mass: 210.125595

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Use/Importance: Waterproofing agent for wool, paper and other fibrous materials; curing agent for epoxy resins; emulsion stabiliser. Reactant for manuf. of octenylsuccinoyl starches, which are used as emulsifiers in foods and pharmaceutical products

Physical Description: Moisture-sensitive liq.

Melting Point: Mp 8-12°

Boiling Point: Bp<sub>10</sub> 168°

Density: d 1

Refractive Index: n<sub>D</sub><sup>20</sup> 1.4694

Other Data: Phys. props. are for an unspecified mixt. of *E*- and *Z*-isomers

**Hazard & Toxicity:** F1 p. >110°. Irritant

#### References:

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