



vortex

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Infinity
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Vortex Tube Botanical Oil Extraction from Infinity Supercritical

Structured Data

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  {"@context":"http://schema.org",
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    "description":"Infinity Supercritical has done many experiments with various technologies, including vortex extraction and separation
    of oil from plant matter, oil from water, and water from air."
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Infinity Supercritical has done many experiments with various technologies, including vortex extraction and separation of oil from plant matter, oil from water, and water from air.

PDF Version of the webpage (first 10 pages)

This webpage QR code

<https://infinitysupercritical.com/vortex.html>

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Vortex Extraction of Oil from Hops

Infinity has experimented with many technologies which perform cell lysis. One of those is the fascinating vortex tube. It has traditionally used for pressurized air to produce spot cooling and heat, along with separation functions in the oil and gas industry. The vortex converts pressure into rotational energy (over 1,000 g force) which effectively becomes a centrifuge liquids (air, water, oil, etc.). The high g forces can result in cell lysis, and the rotational element can separate resulting extract.

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