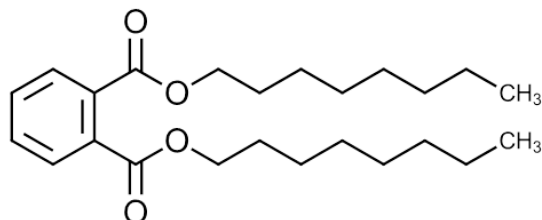


CAS 117-84-0

Di-n-octyl Phthalate (DnOP)

C₂₄H₃₈O₄



Summary of Health Effects

Di-n-octyl Phthalate (DnOP) can affect how babies develop as well as harm the liver, kidney, thyroid and immune system in humans.

How is DnOP used?

DnOP is used in certain plastics.^{1,2}

Toxicity: What are its health effects?

The National Toxicology Program has found evidence that DnOP causes developmental effects.¹

A Consumer Product Safety Commission toxicity review stated that DnOP is associated with toxicity to the liver, kidney, thyroid and immune system.²

Exposure: How can a person come in contact with it?

A person can come in contact with DnOP by eating contaminated food, drinking contaminated water, breathing contaminated air, or from skin contact with consumer products.¹

DnOP is commonly used in plastic production, and in cosmetics and pesticides.²

The 2014 National Health and Nutrition Examination Survey (NHANES) results show that a break-down product of DnOP is in the urine of most of the U.S. population.³

Other Information

In 2005, the European Commission banned DnOP from use in toys and child care articles if they can be put in the mouths of children.⁴

References

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