

# List of Plants

## ALPHA-IONONE

### Chemid

ALPHAIONONE

### Dosage

LD50=4,590 mg/kg (orl rat) Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Acacia farnesiana	Flower	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Apium graveolens	Plant	--	--		*
Apium graveolens	Seed Essent. Oil	--	500.0		*
Camellia sinensis	Leaf	--	--		*
Camellia sinensis	Shoot	300.0	500.0		*
Citrus aurantium	Plant	--	--		*
Coleus barbatus	Root Essent. Oil	--	14000.0		Jim Duke's personal files.
Daucus carota	Root	--	--		*
Ginkgo biloba	Wood	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Hamamelis virginiana	Leaf	--	175.0		*
Lawsonia inermis	Flower	20.0	40.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lawsonia inermis	Flower Essent. Oil	--	180000.0		*
Saussurea lappa	Root	--	--		*
Viola odorata	Flower	--	--		*