

Dr. Duke's Phytochemical and Ethnobotanical Databases**List of Chemicals for Perfumery**

Chemical	Dosage
(+)-PULEGONE	ZEB
(-)-ALPHA-BISABOLOL	--
2-METHOXY-4-VINYL-PHENOL	--
2-OCTANOL	--
3-OCTANOL	--
3-PHENYL-PROPYL-ACETATE	--
4-TERPINEOL	--
ACETALDEHYDE	FEMA 4-25
ACETALDEHYDE-DIETHYLACETAL	FEMA 6-50
ACETANISOLE	FEMA
ACETIC-ACID	FEMA 6,000-40,000 ppm
ACETOPHENONE	FEMA <10,000
ACETYL-METHYL-CARBINOLE	FEMA 0.5-30 ppm
ACETYL-N-BUTYRL	FEMA 5-8 ppm
ACETYL-N-BUTYRYL	FEMA 5-8 ppm
ACETYL-VANILLIN	FEMA
ACONITIC-ACID	FEMA 1-30 ppm
ADIPIC-ACID	FEMA -5,000 ppm
ALLO-OCIMENE	--
ALLYL-2-ETHYLBUTYRATE	FEMA <5 ppm
ALLYL-2-FURORATE	FEMA <1 ppm
ALLYL-ANTHRANILATE	FEMA
ALLYL-BUTYRATE	FEMA
ALLYL-CAPROATE	FEMA 1-200
ALLYL-CAPRYLATE	FEMA
ALLYL-CINNAMATE	FEMA
ALLYL-CYCLOHEXANE-ACETATE	FEMA 1-10 ppm

Chemical	Dosage
ALLYL-CYCLOHEXANE-BUTYRATE	FEMA
ALLYL-CYCLOHEXANE-CAPROATE	FEMA
ALLYL-CYCLOHEXANE-PROPIONATE	FEMA 10-40 ppm
ALLYL-CYCLOHEXANE-VALERATE	FEMA <5 ppm
ALLYL-HEPTOATE	FEMA 2-800 ppm
ALLYL-IONONE	FEMA <1 ppm
ALLYL-NONANOATE	FEMA <1 ppm
ALLYL-PHENOXYACETATE	FEMA <1 ppm
ALLYL-PHENYLACETATE	FEMA 1-40 ppm
ALLYL-PROPIONATE	FEMA 1-15 ppm
ALPHA-BISABOLOL	--
ALPHA-HUMULENE	--
ALPHA-METHYL-BUTYRIC-ACID	--
ALPHA-PHELLANDRENE	--
ALPHA-PINENE	--
ALPHA-SANTALOL	--
ALPHA-SELINENE	--
ALPHA-TERPINENE	--
ALPHA-TERPINEOL	--
ALPHA-VETINONE	--
BENZOYL-EUGENOL	--
BENZYL-CINNAMATE	--
BETA-BISABOLENE	--
BETA-MYRCENE	--
BETA-PHELLANDRENE	--
BETA-PHENYLETHANOL	50000-200000
BETA-PINENE	--

Chemical	Dosage
BETA-SANTALENE	--
BETA-SANTALOL	--
BETA-SELINENE	--
BETA-TERPINEOL	--
BETA-VETINONE	--
BORNEOL	--
CADINENE	--
CARVONE	--
CARYOPHYLLENE	--
CEDROL	--
CHLOROPHYLL	--
CINNAMALDEHYDE	--
CINNAMYL-ALCOHOL	--
CITRAL	--
CITRONELLAL	--
CITRONELLOL	--
CUMINALDEHYDE	--
CYCLOPENTADECANOLIDE	1,000-4,000
DIETHYLACETAL-ACETALDEHYDE	FEMA 6-50 ppm
DIMETHYL-DISULFIDE	Fragrance
DIPHENYL	--
ESTRAGOLE	--
ETHYL-VANILLIN	--
EUGENOL	--
EUGENYL-ACETATE	FEMA 0.5-200 ppm
FARNESOL	--
FENCHONE	--

Chemical	Dosage
GAMMA-NONALACTONE	--
GAMMA-TERPINENE	--
GAMMA-UNDECALACTONE	--
GERANIOL	--
GERANYL-ACETATE	--
GERANYL-ACETONE	Fragrance
GERANYL-BENZOATE	--
GERANYL-BUTYRATE	--
GERANYL-CAPROATE	--
GERANYL-FORMATE	--
GERANYL-ISOVALERATE	--
GERANYL-PHENYLACETATE	--
GERANYL-PROPIONATE	--
GERANYLACETOACETATE	--
GUAIOL	--
INDOLE	Fragrance
IRIDIN	--
IRONE	--
ISOAMYL-ACETATE	Fragrance
ISOBUTYL-ACETATE	Fragrance
ISOBUTYRALDEHYDE	--
ISOCARYOPHYLLENE	--
ISOPROPYL-ACETATE	--
ISOPROPYL-ALCOHOL	--
ISOPULEGOL	--
ISOPULEGONE	--
ISOQUINOLINE	--

Chemical	Dosage
ISOSAFROLE	--
ISOVALERIC-ACID	--
JASMONE	--
L-MENTHOL	5,000-25,000
L-MENTHYL-ACETATE	--
L-OCTANOL	--
LINALOOL	--
LINALYL-ACETATE	--
LINALYL-CAPROATE	--
LINALYL-FORMATE	--
M-CRESOL	0.10%
MENTHOL	--
MENTHONE	--
MENTHYL-ACETATE	--
METHYL-2-METHYL-BUTYRATE	--
METHYL-ABIETATE	--
METHYL-ACETATE	--
METHYL-ANISATE	--
METHYL-ANTHRANILATE	--
METHYL-BENZOATE	--
METHYL-BUTYRATE	--
METHYL-CAPROATE	--
METHYL-CAPRYLATE	--
METHYL-CINNAMATE	--
METHYL-EUGENOL	--
METHYL-ISOBUTYL-KETONE	--
METHYL-ISOEUGENOL	--

Chemical	Dosage
METHYL-ISOVALERATE	--
METHYL-N-AMYLKETONE	--
METHYL-NONANOATE	--
METHYL-NONYL-KETONE	--
METHYL-PHENYLACETATE	--
METHYL-SALICYLATE	--
MUFA	--
MUFAS	--
MYRCENE	--
MYRISTIC-ALDEHYDE	--
MYRTENAL	--
MYRTENYL-ACETATE	--
N-NONANAL	--
N-NONYL-ACETATE	--
N-OCTANAL	--
NEOMENTHOL	--
NEROL	--
NEROLIDIOL	--
NEROLIDOL	--
NERYL-ACETATE	--
NERYL-FORMATE	--
NONANOIC-ACID	--
NOOTKATONE	--
O-METHOXYCINNAMALDEHYDE	20-200
OCIMENE	--
OCTANOIC-ACID	--
OCTYL-ISOVALERATE	--

Chemical	Dosage
OLEIC-ACID	--
P-ACETANISOLE	FEMA
P-ACETYL-CUMENE	FEMA 0.08-5 ppm
P-ANISALDEHYDE	--
P-BENZOQUINONE	--
P-METHYL-ACETOPHENONE	--
PHENETHYL-ALCOHOL	--
PHENYL-ACETALDEHYDE	--
PHENYL-ETHER	--
PHENYLACETIC-ACID	--
PHENYLETHYL-2-METHYLBUTYRATE	--
PINENE	--
PINOCARVONE	--
PIPERIDINE	10,000-15,000
PIPERITENONE	--
PIPERITONE	--
PROPIONALDEHYDE	--
PROPIONIC-ACID	--
PULEGONE	--
PYRROLIDINE	--
QUINOLINE	--
SABINENE	--
SABINOL	--
SAFROLE	--
SALICYLALDEHYDE	--
SCLAREOL	--
SEBACIC-ACID	--

Chemical	Dosage
SQUALENE	--
STEARIC-ACID	--
STILBENE	--
STYRENE	--
SUCCINIC-ACID	--
TERPINEOL	--
TERPINOLENE	--
TERPINYL-ACETATE	--
THUJONE	--
THYMOHYDROQUINONE	--
THYMOL	--
TIGLIC-ACID	--
TRANS,TRANS-FARNESENE	--
TRIDECANOIC-ACID	--
UMBELLIFERONE	--
UNDECANAL	--
VALERIC-ACID	--
VANILLIN	--
VANILLYL-ALCOHOL	--
VERBENONE	--
YLANGENE	--
ZINGERONE	--
ZINGIBERENE	--