

## Dr. Duke's Phytochemical and Ethnobotanical Databases

### List of Chemicals for Antiseptic

Chemical	Dosage
(+)-ALPHA-VINIFERIN	--
(+)-AROMOLINE	--
(+)-CASSYTHICINE	--
(+)-CATECHOL	--
(-)-ALPHA-HYDRASTINE	--
(-)-CENTROLOBINE	--
(-)-KAUR-16-EN-19-OIC-ACID	--
(15:1)-CARDANOL	--
(2Z,8Z)-10-ANGELOYLOXY-MATRICARIA-ESTER	MIC=50->100 ug/mL
(E)-2-HEXENAL	--
1,2,11,13,2,3'-HEXAHYDROVERNODALIN	50 ug/disk
1,8-CINEOLE	--
1-MAACKIAIN	MIC=50->100ug/mL
11-DIHYDRO-CANTHINE-6-ONE	--
2-HEXEN-1-OL	--
2-METHOXYPHASEOLLINISOFLAVON	--
2-NAPTHOL	--
2-NONANONE	--
2-PROPENE-1-SULFINOTHIOCIC-ACIDS-2-PROPENYL-ESTER	--
3,4-SECOTRACHYLOBANOIC-ACID	--
3,5-DIMETHYL-4,6-DI-O-METHYLPHLOROACETOPHENONE	--
4,15-DIHYDROVERNODALIN	5 ug/disk
4,5-DIHYDROVERNODALIN	5 ug/disk
5,7,4'-TRIHIDROXY-6,8-DIPRENYLISOFLAVONE	12.5 ug/ml
5,7-DIHYDROXY-2-METHYLCHROMONE-8-C-BETA-GLUCOPYRANOSIDE	156-312 ug/ml
5-HEXYL-CYCLOPENTA-1,3-DIONE	--
5-HYDROXY-7,4-DIMETHOXYFLAVONE	--

Chemical	Dosage
5-OCTYL-CYCLOPENTA-1,3-DIONE	--
6-DEOXYJACAREUBIN	--
7-HYDROXYFRULLANOLIDE	--
7-O-METHYL-GLABRANINE	--
8(14),15-SANDARACOPIMARADIEN-7ALPHA,18-DIOL	--
ABIETANE-1	MIC=1.2 ug/ml
ABIETANE-2	MIC=0.89 ug/ml
ABYSSINONE-II	--
ABYSSINONE-IV	--
ACETYLSHIKONIN	--
ACRYLIC-ACID	--
ACTINODAPHNINE	--
ADHUMULONE	--
ADLUPULONE	--
AESCULETIN	--
AFRORMOSINE-7-O-BETA-GALACTOSIDE	--
AJOENE	--
AKNADICINE	--
AKUAMMIDINE	--
ALANTOLACTONE	MIC=32 ug/ml
ALKANNIN	--
ALLICIN	--
ALLOALANTOLACTONE	MIC=32 ug/ml
ALLOIMPERATORIN	--
ALLYL-1-PROPENYL-THIOSULFINATE	--
ALLYL-ISOTHIOCYANATE	--
ALLYL-METHYLTHIOCYANATES	MIC 15 ug/ml

Chemical	Dosage
ALMUNEQUINE	--
ALOE-EMODIN	MIC=2-64 ug/ml
ALPHA-BISABOLOC	--
ALPHA-HYDRASTINE	--
ALPHA-PINENE	--
ALPHA-TERPINEOL	--
ALPHA-TERTHIENYL	--
AMORFRUTIN	--
ANACARDIC-ACID	--
ANETHOLE	200 ug/ml
ANISIC-ACID	800 ug/ml
ANNOQUINONE-A	--
ANNUITHRIN	--
ANONAIN	<12 ug/ml
ANTHOMINE	--
ANTOFINE	--
APPARACINE	--
APPARICINE	--
ARBUTIN	60-200 mg/man
ARDISINOL-I	--
ARDISINOL-II	--
ARENARINE	--
ARISTOLOCHIC-ACID	--
AROMADENDRENE	--
AROMADENDRIN	--
AROMADENDRIN-7-GALACTOSIDE	--
ARTEANNUIN-B	MIC=100-150 ug/ml

Chemical	Dosage
ASCORBIC-ACID	MIC=3.3-217 mg/ml
ASCORBIC-ACID	4-8 g/day
ASPIDOSPERMINE	--
ATHONIN	--
ATRANORIN	MIC=250 ug/ml
AUCUBIGENIN	--
AURAPTENAL	25 ppm
AVENACINE-A	--
AVENACINE-B	--
AZULENE	6-500
BALANITIN	--
BENZALDEHYDE	--
BENZOIC-ACID	800 ug/ml
BENZOIN	--
BENZYL-ALCOHOL	--
BENZYL-THIOCYANATE	--
BERBAMINE	--
BERBERASTINE	25 ug/ml
BERBERINE	25 ug/ml
BETA-PINENE	--
BIFLORIN	625 ug/ml
BILOBOL	--
BONDENOLIDE	--
BORRERINE	--
BORREVERINE	--
BROMOPHENOLS	--
BROUSSIN	--

Chemical	Dosage
BROUSSONIN	--
BRUCEANTIN	IC9=12.5 ug/ml
BRUCEONOL-F	IC3=12.5 ug/ml
BRUCEOSIDE-D	IC7=12.5 ug/ml
BRYOPHYLLINE	--
CAFFEIC-ACID	--
CAJANONE	--
CAMPHOR	--
CANALICULATOL	--
CANNABIDIOL	--
CANNELAL	--
CANTHIN-6-ONE	--
CAPRYLIC-ACID	--
CAPSAICIN	--
CAPSIDIN	--
CARACURINE	--
CARVACROL	1.5 x phenol
CARVONE	1.5 x phenol
CASSAIDINE	--
CASSAINE	--
CASSAMINE	--
CATECHOL	--
CENTROLOBINE	--
CEPHARANTHINE	--
CHAMAZULENE	--
CHELERYTHRINE	--
CHLORINE	--

Chemical	Dosage
CHLOROGENIC-ACID	--
CHROMOLAENIDE	--
CHRYSOPHANOL	--
CITRAL	5.2 x phenol
CITRIC-ACID	--
CITRONELLAL	3.8 x phenol
CITRONELLOL	--
COHUMULONE	--
COIXINDEN-A	--
COIXINDEN-B	--
COLEONE-A	--
COLUPULONE	--
COPALLIFEROL-A	--
COPALLIFEROL-B	--
CREOSOTE	--
CRESOL	--
CRYPTOLEPINE	--
DECARBOMETHOXYTETRAHYDROSECAMINE	--
DEHYDROCORYNANTHEOL	--
DIALLYL-SULFIDE	MIC=>2,500 ug/ml
DIALLYL-TETRASULFIDE	MIC=>130-1,000 ug/ml
DIALLYL-TRISULFIDE	MIC=250-1,900 ug/ml
DICHAMANETIN	--
DIGIFERRUGINEOL	--
DIGITONIN	--
DIHYDROCHALCONE	--
DIHYDROHELENALIN	--

Chemical	Dosage
DIHYDROHELENALIN-ESTERS	--
DIOSPHENOL	--
DIPRENYLISOFLAVONE	6.25 ug/ml
DRACORHODIN	--
DRACORUBIN	--
DRUMMONDINS	--
DUBAMINE-HCL	--
ELLAGIC-ACID	1,250 ug/ml
EMODIN	--
EN-YN-DICYCLOETHER	--
EPSILON-VINIFERIN	--
ERICOLIN	--
ERYBRAEDIN	6-13 ug/ml
ERYCRISTAGALLIN	50-100 ug/ml
ERYCRISTAGALLIN	(1-2 ug/ml)
ERYCRISTIN	6-7 ug/ml
ERYTHRABYSSIN	0.8-3 ug/ml
ERYTHRABYSSIN-I	--
ERYTHRABYSSIN-II	0.8-3 ug/ml
ERYTHROPHLAMINE	--
ERYTHROPHLEINE	--
ERYVARIESTYRENE	50-100 ug/ml
ERYVARIGATIN	25-50 ug/ml
ESCULETIN	--
ETHANOL	--
ETHYL-GALLATE	--
ETHYL-VANILLATE	--

Chemical	Dosage
EUCALYPTOL	--
EUGENOL	400 ug/ml
EUGENOL	3 ml/man/day
FALCARINDIOL	--
FALCARINOL	--
FANGCHINOLINE	--
FICUSEPTINE	--
FILICIC-ACID	--
FORMALDEHYDE	--
FORMIC-ACID	--
FRAXETIN	--
FRAXIN	--
FURFURAL	--
FUROCOUMARIN	--
GALLIC-ACID	--
GERANIOL	400-800 ug/ml
GERANIOL	MIC=64 ug/ml
GERANIOL	7 x phenol
GINGEROL	--
GINKGOIC-ACID	--
GINKGOLIC-ACID	--
GLABRANIN	--
GLABRENE	--
GLABRIDIN	--
GLABROL	--
GLEPIDOTIN	--
GLEPIDOTIN-A	--



Chemical	Dosage
GLEPIDOTIN-B	--
GLEPIDOTIN-C	--
GLYCYRRHIZIN	--
GUAIACOL	--
GUAIJEVERIN	--
HARDWICKIC-ACID	--
HARMINE	--
HARRISONIN	--
HELENALIN	--
HELENALIN-ESTERS	--
HERNANDEZINE	--
HEXANAL	400-800 ug/ml
HEXANOL	--
HEXENAL	--
HIBISCIN-CHLORIDE	--
HISPAGLABRIDIN-A	--
HISPAGLABRIDIN-B	--
HOMOPHLEINE	--
HONOKIOL	--
HOUTTUYNIN	--
HUMULONE	--
HYDROQUINONE	--
HYDROXYVERNOLIDE	5 ug/disk
IMANINE	--
INDIGOTIN	--
INDOLE	800 ug/ml
IODINE	--

Chemical	Dosage
IRIDOMYRMECIN	--
ISOBORREVERINE	--
ISOCHLOROGENIC-ACID	--
ISOKURARINONE	MIC=3.13-6.25ug/mL
JUGLONE	--
KAEMPFEROL	20 ug/ml
KARWINAPHTOL	--
KAUR-16-EN-19-OIC-ACID	--
KAWAIN	--
KOLANONE	--
KURARIDINE	MIC=50->100ug/mL
KURARINONE	MIC=6.25-12.5ug/mL
KUSHENOL-C	MIC=12.5ug/mL
KUSHENOL-D	MIC=12.5-50ug/mL
LAPACHOL	--
LAWSONE	--
LICARIN-A	--
LICOBENZOFURAN	--
LICOCHALCONE-A	5 uM
LIMONENE	--
LINALOOL	5 x phenol
LUPULIN	--
LUPULONE	--
M-CRESOL	--
MALIC-ACID	--
MANGOSTIN	--
MENTHOL	4 x phenol

Chemical	Dosage
MENTHONE	2.25 x phenol
METHYL-BENZOATE	--
METHYL-EUGENOL	--
METHYL-GALLATE	--
METHYL-SALICYLATE	--
METHYLHYDROQUINONE	--
MYRICETIN	MIC=20 ug/ml
MYRICETOL	--
MYRTUCUMMULONE	--
N-NONANAL	--
NEOTHALIBRINE	1,000 ppm
NEROL	--
NORANHYDROCARITIN	MIC=25-50ug/mL
NORCASSAIDINE	--
NORDIHYDROGUAIARETIC-ACID	--
NORDIJYDROTOXIFERINE	--
O-ACETYLCYPHOLOPHINE	--
O-CRESOL	--
O-METHOXYCINNAMALDEHYDE	--
OLEANDOMYCIN	--
OLEANOLIC-ACID	MIC=625-1,250 ug/ml
OXALIC-ACID	--
OXOUSHINSUNINE	--
P-COUMARIC-ACID	--
P-CRESOL	--
PARADOL	--
PARTHENOLIDE	--

Chemical	Dosage
PERILLALDEHYDE	--
PHAEANTHARINE	--
PHASEOLIN	25 ug/ml
PHASEOLLIN	25 ug/ml
PHASEOLLINISOFLAVON	12-25 ug/ml
PHENETHYL-ALCOHOL	--
PHENOL	--
PHLOROGLUCINOL	--
PHYLLODULCIN	--
PHYSCION	--
PINENE	--
PINOCEMBRIN	--
PIPERINE	--
PLUMBAGIN	--
PRIMIN	--
PROANTHOCYANIDINS	--
PROTOANEMONIN	--
PROTOCATECHUIC-ACID	--
PROTOPINE	1,000 ppm
PYROCATECHOL	--
PYROGALLOL	--
QUESTIN	--
RESORCINOL	--
RESVERATROL	--
RHAMNOCITRIN	MIC=625 ug/ml
RHEIN	--
RUSCOGENIN	--

Chemical	Dosage
SABINENE	--
SAFROLE	--
SAKURANETIN	--
SALICYLIC-ACID	--
SALVIN	--
SALVIN-MONOMETHYL-ETHER	--
SANGUINARINE	--
SCHKUHRIN-I	--
SCHKUHRIN-II	--
SCOPOLETIN	--
SCOPOLETOL	--
SCORDININ	--
SCRODININE	--
SHOGAOL	--
SOPHORAFLAVANONE-G	MIC=3-6ug/mL
SPIROCHIN	--
SULFUR	--
SWEROSIDE	--
TANNIC-ACID	--
TANSHINONE	--
TERPINEN-4-OL	--
TERPINEOL	--
TETRANDRINE	--
THALFINE	--
THALFININE	--
THALIBRINE	--
THALICARPINE	--

Chemical	Dosage
THALICTUBERINE	25-1,000
THALIDEZINE	--
THALIGOSIDINE	100-1,000
THALIGOSINE	100-1,000
THALIGOSININE	100-1,000
THALIRABINE	--
THALIRACEBINE	--
THALIRUGIDINE	1,000
THALIRUGINE	--
THALISTINE	--
THALISTYLINE	--
THALMIRABINE	--
THALRUGOSAMINE	--
THIOPHENE	--
THUJAPLICIN	--
THUJONE	--
THYMOHYDROQUINONE	--
THYMOL	20 x phenol
THYMYL-ACETATE	--
TODDASINE	--
TORALACTONE	MIC=2-64 ug/ml
TRACHYLOBAN-19-OIC-ACID	--
TRANS-ASARONE	25 ug/ml
TRIFOLIRHIZITIN	MIC=50->100 ug/mL
TRIGONELLINE	--
TRITHIOLANIACINE	--
TURPETHIN	--

Chemical	Dosage
UMBELLIFERONE	--
UMBELLULONE	--
USHINSUNINE	--
VANILLIC-ACID	--
VERBASCOSIDE	--
WARANGALONE	12-13 ug/ml
WARANGALONE	25 ug/ml
WITHAFERIN-A	--
WITHANOLIDE-D	--
XANTHATIN	--
XANTHONES	--
ZINC	50 mg/day