

Ketones

CHEMICAL FAMILY

Ketones have an oxygen atom double-bonded to a carbon atom but always on a carbon atom that is bonded to two other carbon atoms. They are derived from secondary alcohols. Ketones with closed rings have a typical minty-camphoraceous aroma (from the menthone, camphor, and carvone components).

THERAPEUTIC PROPERTIES

ANALGESIC	ANTISPASMODIC	CELL REGENERATING
CIRCULATORY	CICATRISANT	EXPECTORANT
MUCOLYTIC	WOUND HEALING	

COMMON KETONES CHEMICALS

MOLECULAR STRUCTURES

camphor	isomenthone	pulegone
carvone	artemisia ketone	3-hexanone
fenchone	beta-ionone	beta-vetivone
jasmone	nootkatone	menthone
methyl nonyl ketone	pinocamphone	piperitone

**COMMON KETONES CHEMICALS
MOLECULAR STRUCTURES**

thujone	turmerone	verbenone
valeranone	vetivone	

**ESSENTIAL OILS CONTENT OF ETHERS
ETHERS % CONTENTS**

Essential Oils	Percentage
Cedar Bark	87%
Cedar Leaf	86%
Wild Tansy	73%
Marigold	65%
Spearmint	60%
Thuja	59%
Caraway Seed	53%
Hyssop	52%
Davana	48%
White Camphor	47%
Eucalyptus Dives	42%
Sage	41%
Calamus	40%

**ESSENTIAL OILS CONTENT OF ETHERS
ETHERS % CONTENTS**

Essential Oils	Percentage
Dill	38%
Yarrow	21%
Peppermint	20%
Rosemary	20%
Helichrysum	19%
Myrrh	17%
Juniper Berry	15%
Blue Tansy	14%
Mugwort	14%
Roman Chamomile	12%
Fennel	10%
Celery Seed	9%
Cistus	8%
Lavandin	8%
Spikenard	8%
Geranium	7%
Melissa	4%
Coriander	4%
Ginger	4%
Moroccan Thyme	3%
Eucalyptus	3%
Orange	3%

ESSENTIAL OILS CONTENT OF ETHERS
ETHERS % CONTENTS

Essential Oils	Percentage
Patchouli	3%
Spanish Marjoram	3%
Black Pepper	2%
Blue Mallee	2%
Lavender	2%
Lemongrass	2%
Oregano	2%
Tsuga	2%
Anise	1%
Basil	1%
Clary Sage	1%
Elemi	1%
Grapefruit	1%
Ledum	1%
Winter Savory	1%
Ormenis	1%