

Oxides

CHEMICAL FAMILY

Like ethers, oxides have an oxygen atom in the carbon chain, but it is usually combined in the shape of a ring. They are usually derived from alcohols with the -OH group modified as the hydrogen is removed and the oxygen bonds to another carbon to form a ring.

THERAPEUTIC PROPERTIES

ANALGESIC	ANTIFUNGAL	ANTIBACTERIAL
ANTI-FUNGAL	ANTIVIRAL	EXPECTORANT
MUCOLYTIC	STIMULANT	

COMMON OXIDES CHEMICALS

MOLECULAR STRUCTURES

1,8 cineole	menthofuran	ascaridole
bisabolol oxide-A	(-)-alpha-bisabolol oxide	bisabolone oxide
caryophyllene oxide	piperitone oxide	manool oxide
linalol oxide	rose oxide	humulene oxide
a-pinene oxide	sclareol oxide	

**ESSENTIAL OILS CONTENT OF OXIDES
OXIDES % CONTENTS**

Essential Oils	Percentage
Blue Mallee	90%
Eucalyptus Radiata	69%
Eucalyptus	68%
Cajeput	60%
Ravensara	55%
Niaouli	50%
Rosemary	47%
German Chamomile	40%
Myrtle	39%
White Camphor	32%
Lime	17%
Helichrysum	15%
Rosalina	15%
Vitex	12%
Tea Tree	11%
Thyme	10%
Sage	9%
Lemon Eucalyptus	8%
Melissa	8%
Yarrow	7%

**ESSENTIAL OILS CONTENT OF OXIDES
OXIDES % CONTENTS**

Essential Oils	Percentage
Basil	6%
Black Pepper	6%
Lavandin	6%
Peppermint	6%
Ylang Ylang	6%
Carrot Seed	4%
Moroccan Thyme	4%
Patchouli	4%
Rosewood	4%
Fennel	3%
Lavender	3%
Lemongrass	3%
Nutmeg	3%
Spearmint	3%
Clary Sage	2%
Clove Bud	2%
White Savory	2%
Mugwort	2%
Palmarosa	2%
Spikenard	2%

ESSENTIAL OILS CONTENT OF OXIDES
OXIDES % CONTENTS

Essential Oils	Percentage
Birch	1%
Cypress	1%
Eucalyptus Dives	1%
Hyssop	1%
Rose	1%