

TECHNICAL DATA

TECHNICAL SPECIFICATIONS

PRODUCT	FENNEL OIL, BITTER
CAS No.	8006-84-6
CHEMICAL NAME	FENNEL, FOENICULUM VULGARE PIPERITUM, OIL
FEMA	2481
EC No.	283-414-6
EINECS CAS No.	84625-39-8
REACH PRE-REG. No.	5-2114482496-36-0000
BOTANICAL NAME	FOENICULUM VULGARE, MIIL. V. PIPERITUM BAIL.
FLASH POINT (°C)	62
BOILING POINT (°C)	

ORGANOLEPTIC PROPERTIES

ASPECT	LIQUID
COLOR	COLORLESS-YELLOWISH
ODOUR	SWEET, HERBACEOUS, CHARACTERISTIC

PHYSICAL-CHEMICAL PROPERTIES

	MIN	MAX
RELATIVE DENSITY 20 °C	0,877	0,920
REFRACTIVE INDEX	1,487	1,501
OPTICAL ROTATION (°)	42	68
SOLUBILITY VOL. ETHANOL 90° (20 °C)	1	2
ALPHA PINENE (%)	2	8
BETA PINENE (%)	1	4
D-LIMONENE (%)	8	30
CIS ANETHOLE (%)		0,5
TRANS ANETHOLE (%)	15	30