

MATERIAL SAFETY DATA SHEET

CHAMOMILE (GERMAN)

Ellisons
43 Bayton Road
Exhall Coventry
CV7 9EF
02476361619

Origin: England

TEST	RESULT	SPECIFICATION	PASS
PHYSICAL APEARANCE	Dark blue liquid	As expected	Yes
SENSORY EVALUATION	Sweet, fruity, herbal	As expected	Yes
ACID VALUE ISO 1242	6.7	5 – 50	Yes
ESTER VALUE ISO 709	26.6	<40	Yes
MISCIBILITY 95% EtOH ISO 875	Cloudy suspension in 10ml	Not fully soluble in Ethanol	Yes
RELATIVE DENSITY ISO 279	0.932	0.910 – 0.950	Yes
GC TRACE		Match for type	Yes

GAS CHROMATOGRAPHY

Column Type: CW20M

Detector Temp: 300°C

Injection Temp: 250°C

CONSTITUENT	PERCENTAGE
Cis Ocimene	0.2
Trans Ocimene	<0.1
β Farnesene	44.96
Prob. Borneol + α Terpineol	5.57
α Bisabolol	1.01
Bisabolol oxide B	23.79
Chamazulene	7.92
Bisabolol Oxide A	0.49

Hazards Identification:

Concentrated product, hazardous if ingested.

First Aid Measures:

EYES:

Rinse immediately with water. If irritation persists seek medical advice

SKIN:

Remove contaminated clothing. Wash with soap and water and rinse thoroughly. If irritation persists seek medical advice.

INGESTION:

Wash mouth out with water. DO NOT induce vomiting. Seek medical advice immediately.

INHALATION: Remove to fresh air. If irritation persists seek medical advice.

Fire Measures:

Keep away from sources of Ignition. Use CO₂, Foam or dry powder extinguishers. Avoid direct inhalation and use breathing and protective equipment.

Accidental Release Measures:

Use protective equipment. Keep material away from drains, surface and ground water and soil if possible. Cover with a non combustible material such as sand and dispose of waste in an approved disposable container.

Handling & Storage:

Only to be used by qualified persons. Store in a cool and dry place with good ventilation. Keep air contact to a minimum.

Physical & Chemical Properties:

ODOUR:	Powerful and characteristic
APPEARANCE:	Dark Blue mobile liquid
FLASH POINT:	(Degrees Celsius) >55
SOLUBILITY:	Not soluble in water

Stability & Reactivity:

REACTIVITY: No significant hazards. Avoid contact with acids, alkali or Oxidising agents.

DECOMPOSITION: Carbon Monoxide may be formed during combustion.

Transport Regulations:

UN 1993 3.3 flammable liquids NOS

Regulatory Information:

SYMBOLS: Not Required

RISK PHRASES: R10/R22

SAFETY PHRASES: S7/S25/S26/S29/S35/S37/S39/S46