





## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Chamomile oil Roman				
Biological Definition	The volatile oil obtained by steam distillation of the dried flowering heads of the herb <i>Anthemis nobilis</i> L. (syn. <i>Chamaemelum nobile</i> ).				
INCI Name	Anthemis nobilis flower oil				
Synonyms & Trade Names	Chamomile oil English, Chamaemelum nobile oil, Chamomile oil blue (do not confuse with oil from <i>Cham. recutita</i> ).				
Supplier	Freshskin Beauty Ltd Unit 4 Balloon Woods Ind Est Nottingham NG9 3GJ . Emergency Tel No: 07846174876				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	2275	FDA No.	§182.10	CoE No.	48
CAS-No	84649-86-5	EC No.	283-467-5	EINECS No.	283-467-5

### 02. HAZARDS IDENTIFICATION

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Classification (1999/45)	Xn; R10-43-65, S24-37-62
Classification (EC 1272/2008)	UN-GHS: FL 3, AH 1, SCI 3, SS 1 EU-CLP: FL 3, AH 1, SS 1
Label in accordance with (EC) No 1272/2008	    GHS02                  GHS08                  GHS07                  GHS09
Signal Word	Danger
Contains	Pinenes, limonene
Hazard Statements	H226 Flammable liquid and vapour H304 May be fatal if swallowed and enters airways H317 May cause an allergic skin reaction
Precautionary Statements	P301/310 IF SWALLOWED immediately call a doctor/physician P331 Do NOT induce vomiting P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection.
Supplementary Precautionary Statements	- - -
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	None
Adverse effects on human health	May cause sensitisation to skin and eyes.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

Isobutyl angelate 30% to 35% UN-GHS: FL4 ATO4(600)
2-Methylbutyl angelate 15% to 20% UN-GHS: not found
Methyl allyl angelate 5% to 10% UN-GHS not found
Isobutyl isobutyrate 5% to 10% UN-GHS not found
Pinocarveol 1% to 5% UN-GHS: FL4
Alpha-Pinene 1% to 5%. UN-GHS: ATO5(3700), SCI 2, SS 1
Limonene 0.1% UN-GHS: SCI 2; SS 1; EHA1,C1

### 04. FIRST AID MEASURES

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General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

## **05. FIRE-FIGHTING MEASURES**

Extinguishing Media	Use CO <sub>2</sub> , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours.
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray

## **06. ACCIDENTAL RELEASE MEASURES**



Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

## **07. HANDLING AND STORAGE**

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum

## **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Protective Equipment	  Goggles      Gloves
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling.

## **09. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Mobile liquid
Colour	Light blue-green to pale green turning to brown with age
Odour	Characteristic, reminiscent of the flowers
Relative Density	0.900 to 0.920 @ 20°C.
Flash Point (°C)	52 c/c
Refractive Index	1.4380 to 1.4460 @ 20°C.
Melting Point (°C)	Not determined
Boiling Point (°C)	161 @ 760mm Hg
Vapour Pressure	Not available
Solubility in Water @20°C	Almost insoluble
Auto-ignition temperature (°C)	Not determined

## **10. STABILITY AND REACTIVITY**

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Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## **11. TOXOLOGICAL INFORMATION**

Acute Toxicity	Dermal toxicity: found non-irritating when applied to backs of hairless mice. But moderately irritating when applied under occlusion to rabbit skin. Opdyke D.L.J (See1974) <i>FCT 12</i> , 853. Oral toxicity: Acute toxicity (oral, rat) LD50 >5g/kg (ref: unpublished data submitted to RIFM on 10-11-2012 by MB research Labs Inc.
Skin corrosion / irritation	No available data
Serious eye damage / irritation	No weight of evidence summary available. Believed to be a slight ocular irritant.
Respiratory or skin sensitisation	Not found to be a sensitiser to human skin, nor photo-toxic. Opdyke D.L.J (See1974) <i>FCT 12</i> , 853. Listed as skin sensitiser Category 1 under GHS & CLP.
Germ Cell Mutagenicity	Not found to be mutagenic in a <i>Bacillus subtilis</i> rec-assay or an Ames test (Zani <i>et al</i> 1991).
Carcinogenicity	No evidence of carcinogenicity or DNA damage (BIBRA 1992). No evidence of carcinogenic activity of <i>A. nobilis</i> oil constituents.
Reproductive toxicity	No firm data
STOT-single exposure	No available data
STOT-repeated exposure	No available data
Aspiration hazard	No available data. Listed as Aspiration Hazard Category 1 under GHS & CLP.
Photo-toxicity	Not photo-toxic
Other Information	None

## **12. ECOLOGICAL INFORMATION**

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Ecotoxicity	No weight-of-evidence data available
Mobility	No data available
Persistence & Biodegradability	No data available
Bioaccumulation Potential	No data available
PBT Assessment Results	No data available
Precautions	Do not discharge into the environment/ watercourses.

## **13. DISPOSAL CONSIDERATIONS**

Disposal Methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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## **14. TRANSPORT INFORMATION**

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Warning Icon	
Proper Shipping Name	EXTRACT, AROMATIC, LIQUID nos (chamomile oil)
UN No. Road	UN 1169
ADR Class	Class 3
Hazard No (ADR)	30 Flammable liquid
Hazchem Code	3YE
UN No. SEA	UN 1169
IMDG Class	Class 3
IMDG Pack Gr.	Pk Gp III
EMS	F-E, S-D
UN No. AIR	UN 1169
Air Class	Class 3
Air Pack Gr.	Pk Gp III

## **15. REGULATORY INFORMATION**

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

## **16. OTHER INFORMATION**

# Safety Data Sheet

Revision Date	04/2015
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	R10 Flammable R43 May cause sensitisation by skin contact R65 Harmful. May cause lung damage if swallowed.
Hazard Statements in Full	H226 Flammable liquid and vapour H304 May be fatal if swallowed and enters airways H317 May cause an allergic skin reaction
Other Information	Workplace Exposure Limits EH40. CHIP for everyone HSG 108

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.