





# Essential Oils Direct Ltd

## Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Rose Otto			
Biological Definition		Rosa Damascena Flower Oil is the volatile oil obtained from the flowers of the Damask Rose, <i>Rosa damascena</i> , <i>Rosaceae</i> .			
INCI Name		Rosa Damascena Flower Oil			
Synonyms & Trade Names		-			
CAS-No	90106-38-0 / 8007-01-0	EC No.	290-260-3	EINECS No.	290-260-3
1.2 Relative identified uses of the substance or mixture and uses advised against					
Recommended use: Fragrances.					
1.3 Details of the supplier of the safety data sheet					
Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912					
1.4 Emergency Tel. No.		+ 44 (0) 161 633 3952			

### 02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
The full text for all hazard statements is displayed in Section 16.	
Classification (EC 1272/2008)	
Physical and Chemical Hazards:	Does not present a physical hazard.
Human health Asp:	Skin irritation, Category 2 (Skin Irrit. 2, H315). Serious eye damage, Category 1 (Eye Dam. 1, H318). Skin sensitisation, Category 1B (Skin Sens. 1B, H317).
Environment:	Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS05	GHS07
	
Signal Word	Danger.
Contains	EC 203-375-0 CITRONELLOL EC 203-377-1 GERANIOL EC 203-378-7 NEROL EC 202-589-1 EUGENOL EC 203-341-5 GERANYL ACETATE

	605-019-00-3 CITRAL EC 201-291-9 ALPHA-PINENE X 601-029-00-7 (R)-P-MENTHA-1,8-DIENE
<b>Hazard Statements</b>	
H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.	
<b>Precautionary Statements</b>	
P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.	
<b>Supplementary Precautionary Statements</b>	
None.	
<b>2.3 Other Hazards</b>	
PBT or vPvB according to Annex XIII	The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.
Adverse physio-chemical properties	The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <a href="http://echa.europa.eu/fr/candidate-list-table">http://echa.europa.eu/fr/candidate-list-table</a>
Adverse effects on human health	No additional data available.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.2 Mixtures</b>			
<b>25.0 – 50.0% Citronellol</b>	CAS-No.: 106-22-9	EC No.: 203-375-0	
Classification (EC 1272/2008): GHS07, Wng, Eye Irrit. 2, H319, Skin Irrit. 2, H315., Skin Sens. 1B, H317			
<b>25.0 – 50.0% Geraniol</b>	CAS-No.: 106-24-1	EC No.: 203-377-1	
Classification (EC 1272/2008): GHS05, GHS07, Dgr, Skin Irrit. 2, H315, Skin Sens. 1, H317, Eye Dam. 1, H318			
<b>2.5 – 10.0% Nerol</b>	CAS-No.: 106-25-2	EC No.: 203-378-7	
Classification (EC 1272/2008): GHS07, Wng, Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1B, H317			
<b>2.5 – 10.0% Eugenol</b>	CAS-No.: 97-53-0	EC No.: 202-589-1	
Classification (EC 1272/2008): GHS07, Wng, Eye Irrit. 2, H319, Skin Sens. 1B, H317			
<b>2.5 – 10.0% Geranyl Acetate</b>	CAS-No.: 105-87-3	EC No.: 203-341-5	
Classification (EC 1272/2008): GHS07, Wng, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Chronic 3, H412			

<b>2.5 – 10.0% Citral</b>	CAS-No.: 5392-40-5	EC No: 226-394-6
Classification (EC 1272/2008): GHS07, Wng, Skin Irrit. 2, H315, Skin Sens. 1, H317		
<b>2.5 – 10.0% Phenyl Ethyl Alcohol</b>	CAS-No.: 60-12-8	EC No: 200-456-2
Classification (EC 1272/2008): GHS07, Wng, Acute Tox. 4, H302, Eye Irrit. 2, H319		
<b>2.5 – 10.0% Alpha pinene X</b>	CAS-No.: 80-56-8	EC No.: 201-291-9
Classification (EC 1272/2008): GHS08, GHS02, GHS07, Dgr, Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1B, H317		
<b>&lt; 2.5% Methyl Eugenol</b>	CAS-No.: 93-15-2	EC No 202-223-0
Classification (EC 1272/2008): GHS08, GHS07, Wng, Acute Tox. 4, H302, Carc. 2, H351, Muta. 2, H341		
<b>&lt; 2.5% (R)-P-MENTHA-1,8-DIENE</b>	CAS-No.: 5989-27-5	EC No 227-813-5
Classification (EC 1272/2008): GHS02, GHS07, GHS09, Wng, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1		

#### **04. FIRST AID MEASURES**

<b>4.1 Description of first aid measures</b>	
Inhalation	Remove immediately from source of exposure to fresh air. Seek medical attention.
Ingestion	Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label.
Skin Contact	Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.
Eye Contact	Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
No additional data available.	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No additional data available.	

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

<b>5.1 Extinguishing Media</b>
Non-Flammable.
<b>5.2 Special hazards arising from the product</b>
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: carbon monoxide (CO) & carbon dioxide (CO <sub>2</sub> )

**5.3 Advice for firefighters**

No additional data available.

**06. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

For non first aid worker Avoid any contact with the skin and eyes.

For first aid worker First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2 Environmental Precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Do not discharge into drains, water courses or onto the ground.

**6.3 Methods and material for containment and cleaning up.**

Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal. Clean preferably with a detergent, do not use solvents.

**6.4 Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet.

**07. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Requirements relating to storage premises apply to all facilities where the mixture is handled. Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture. Always wash hands after handling. Remove and wash contaminated clothing before re-using. Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention: Prevent access by unauthorised personnel.Recommended equipment and procedures: For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations. Avoid eye contact with this mixture at all times.Prohibited equipment and procedures: No smoking, eating or drinking in areas where the mixture is used.**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Always keep in packaging made of an identical material to the original.

**7.3 Specific end use(s)**


No additional data available.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Occupational exposure limits:

ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
80-56-8	20 ppm	-	-	SEN A4	-
5392-40-5	5 (IFV)ppm	-	-	Skin: SEN A4	-

-Germany - AGW (BAuA – TRGS 900, 21/06/2010)				
CAS	VME	VME	Excess	Notes
5989-27-5	-	5ppm 28mg/m <sup>3</sup>	-	4(II)
<b>8.2 Exposure controls</b>				
Protective Equipment				
				
Process Conditions	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.			
Engineering Measures	Ensure adequate ventilation, especially in confined areas.			
Respiratory Equipment	Ensure adequate ventilation, especially in confined areas.			
Hand Protection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required. Recommended properties: Impervious gloves in accordance with standard EN374			
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides in accordance with standard EN166. In the event of high danger, protect the face with a face shield. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours. Provide eyewash stations in facilities where the product is handled constantly.			
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.			
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.			
Personal Protection	Avoid inhalation and contact with skin and eyes.			
Skin Protection	Avoid skin contact. Wear suitable protective clothing. Suitable type of protective clothing: In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.			
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.			

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Clear liquid, colourless to pale yellow.
Colour	Colourless to pale yellow.
Odour	Characteristic
Relative Density	0.865 - 0.885 @ 20°C
Flash Point (°C)	> 81

Refractive Index	1.455 - 1.475 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
No additional data available.	

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	
No additional data available.	
<b>10.2 Chemical stability</b>	
Stable under the recommended handling and storage conditions.	
<b>10.3 Possible hazardous reactions</b>	
No additional data available.	
<b>10.4 Conditions to Avoid</b>	
No additional data available.	
<b>10.5 Incompatible materials</b>	
No additional data available.	
<b>10.6 Hazardous Decomposition Products</b>	
The thermal decomposition may release/form: carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> )	

**11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	<p>EUGENYL METHYL ETHER (METHYL EUGENOL) (CAS: 93-15-2)  Oral route: LD50 = 810 mg/kg  ALPHA-PINENE X (CAS: 80-56-8)  Oral route: LD50 = 3500 mg/kg  PHENYLETHYLALCOHOL (CAS: 60-12-8)  Oral route: LD50 = 1610 mg/kg  Dermal route: LD50 = 2500 mg/kg  EUGENOL (CAS: 97-53-0)  Oral route: LD50 = 2300 mg/kg  NEROL (CAS: 106-25-2)  Oral route: LD50 = 4500 mg/kg  GERANIOL (CAS: 106-24-1)  Oral route: LD50 = 4200 mg/kg  CITRONELLOL (CAS: 106-22-9)  Oral route: LD50 = 3450 mg/kg  Dermal route: LD50 = 2650 mg/kg</p>
Skin corrosion / irritation	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic reaction by skin contact.
Serious eye damage / irritation	May have irreversible effects on the eyes, such as tissue damage in the eye,

	or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	Monograph(s) from the IARC (International Agency for Research on Cancer): CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans. CAS 93-15-2 : IARC Group 2B : The agent is possibly carcinogenic to humans. CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>
Harmful to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways. No aquatic toxicity data available for the substances.
<b>12.2 Persistence &amp; degradability</b>
No additional data available.
<b>12.3 Bioaccumulation Potential</b>
No additional data available.
<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available.
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways.


## 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC. <u>Waste treatment methods</u> Do not pour into drains or waterways. <u>Waste:</u> Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

## **14. TRANSPORT INFORMATION**

<b>14.1 UN number</b>	
UN No. Road	Exempt from transport classification and labelling.
UN No. SEA	Exempt from transport classification and labelling.
UN No. AIR	Exempt from transport classification and labelling.
<b>14.2 UN proper shipping name</b>	
Exempt from transport classification and labelling.	
<b>14.3 Transport hazard class(es)</b>	
Exempt from transport classification and labelling.	
<b>14.4 Packing group</b>	
Exempt from transport classification and labelling. Exempt from transport classification and labelling.	
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous Substance/Marine Pollutant.	
	
<b>14.6 Special precautions for user</b>	
Exempt from transport classification and labelling.	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
No additional data available.	

## **15. REGULATORY INFORMATION**

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p><u>EU Legislation</u> Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. French RD Number: RG84 Ethyl Alcohol 64-17-5</p>	
<b>15.2 Chemical safety assessment</b>	
No additional information available.	

## **16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways.
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	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Other Information	None.
Revision Date	08/07/2016
Reason for revision	Updated SDS. Transport classification change.
Rev No/Repl, SDS Generated	02, replaces 01

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