

1. Identification of the substances / mixture and of the company/undertaking.			
1.1 Product identifier: Rose Otto Essential Oil			
Substance name: Rose Otto Oil			
Biological Definition	Product Name:		
INCI Name	Rosa Damascena Flower Oil		
Synonyms & Trade Names			
EC NO: 290-260-3	CAS NO: 8007-01-0	EINECS CAS Number: 290-260-3	
Index No:	Reach Registration No:		
1.2 Relevant identified uses of the substance or mixture and uses advised against			
Identified uses:			
Uses advised against:			
1.3 Details of the supplier of the safety data sheet			
Company	Penny Price Aromatherapy Ltd		
	Unit D3 Radius Court		
	Maple Drive		
	Hinckley		
	Leicestershire LE10 3BE		
Email	info@penny-price.com		
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or</u> call NHS 111 or NHS 999		
2. Hazards Identification			
2.1 Classification of the substance or mixture			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards		
	Human Health		
	Environment		
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. DANGER, CORROSIVE			
Hazard statements.			
H225	Highly flammable liquid and vapour		
H301	Toxic if swallowed		
H318	Causes serious eye damage		
H226	Flammable liquid and vapour		
H302	Harmful if swallowed		
H315	Causes skin irritation		

H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H413	May cause long lasting harmful effects to aquatic life
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H304	May be fatal if swallowed and enters airway
Supplementary Precautionary Statements:	
P102	Keep out of reach of children
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking
P211	Do not spray on an open flame or other ignition sources
P270	Do not eat, drink or smoke when using this product
P403	Store in a well-ventilated place
P410	Protect from sunlight
P301+ P312	IF SWALLOWED: Call a POISON CENTRE / doctor if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410 + P403	Protect from sunlight. Store in a well-ventilated place.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention.
Ingestion	Immediately call a poison centre

3. 1 Composition / information on ingredients:

Mixtures: Complex mixture of ingredients.

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Citronellol	CAS; 106-22-9	35	UN-GHS: ATO 5(3450); ATD 5(2650); SCI 2; SS 1; EH A2
Geraniol	CAS: 106-24-1	20	UN-GHS: ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2
Nerol	CAS: 106-25-2	8	UN-GHS: ATO 5(4500), EDI 2A, EH A3, SCI 2
Eugenol	CAS: 97-53-0	1	UN-GHS: ATO 5(2300); SCI 3; EDI 2A; SS 1; EH A2
Geranyl Acetate	CAS: 105-87-3	2.5	UN-GHS: SCI 3; EH A2,C2
Citral	CAS: 5392-40-5	1	UN-GHS: ATO 5(4950); ATD 5(2250); SCI 2; SS 1; EH A2

Phenylethyl Alcohol	CAS: 60-12-8	3	UN-GHS: ATO 5(2500); EDI 2A
Alpha-Pinene	CAS: 80-56-8	2.5	UN-GHS: ATO 5(3700),SCI 2, SS 1
Methyl Eugenol	CAS: 93-15-5	0-2.5	UN-GHS: ATO 4(810), CAR 2, MUT 2, EH A2
Limeonen	CAS: 138-86-3	1	UN-GHS: SCI 2; SS 1; EH A1,C1

4.2 Most important symptoms and effects, both acute and delayed:

May be fatal if swallowed and enters airways	
---	--

Causes skin irritation	
-------------------------------	--

4.3 Indication of any immediate medical attention and special treatment need

--	--

5. Firefighting Measures

5.1 Extinguishing Media:

Suitable extinguishing media:	Carbon dioxide, dry chemical, foam
--------------------------------------	------------------------------------

Unsuitable extinguishing media:	No data available
--	-------------------

5.2 Special hazards arising from the substances or mixture:

Hazardous combustion products:	Carbon monoxide, unidentified organic compounds
---------------------------------------	---

5.3 Advice for firefighters	Incase of insufficient ventilation, wear suitable respiratory equipment
------------------------------------	---

6 Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
------------------------------	--

Emergency procedures:	No Data available
------------------------------	-------------------

6.1.2 For Emergency responders	No Data available
---------------------------------------	-------------------

6.2 Environmental precautions	Keep away from drains, surface and ground water, and soil.
--------------------------------------	--

6.3 Methods for cleaning up – 6.3.1 For containment:	
6.3.2 For cleaning up:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.
6.3.3. Other information:	No Data available
6.4 Reference to other sections	Also refer to sections 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling

Protective measures:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

Measures to prevent fire: No Data available

Measures to prevent aerosol and dust generation: No Data available

Measures to protect the environment: No Data available

Advice on general occupational hygiene: No Data available

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge

Packaging Materials: No Data available

Requirements for storage and vessels: No Data available

Storage Class: Further information on storage containers: No Data available

7.3 Specific end use(s). Use in accordance with good manufacturing and industrial hygiene practices.

Recommendations:	No Data available
Industrial sector specific solutions:	No Data available

8. Exposure controls/Personal protection:	
8.1 Control parameters	
8.2 Exposure controls	Not Applicable
Engineering Measures	
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear protective gloves/eye protection/face protection
8.2.2.2 Skin Protection	Wear protective gloves/eye protection/face protection
Hand protection	Wear protective gloves/eye protection/face protection
Other skin protection	N/A
8.2.2.3 Respiratory protection	Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.
Ventilation	Not Applicable
8.2.2.4 Thermal hazards	Not Applicable
8.2.3 Environmental exposure controls	

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Colourless to Yellow
Appearance	Oil
Odour	Floral/Rosy
Melting Point / freezing point	-
Boiling point /Initial boiling point & boiling range	-
Flammability	-
Lower and upper explosion limit	-
Flash point °C	76C

Auto- ignition temperature	-
Decomposition temperature	-
pH	-
Kinematic Viscosity	-
Solubility in Water	No
Solubility in other Solvents	Yes
Partition coefficient n-octanol/ water (log value)	-
Vapour Pressure	-
Density and /or relative density	0.870-0.890
Relative vapour density	-
Particle characteristics	-
Explosive Properties	-
Oxidising Properties	-
9.2 Other information	
Specific gravity d ₂₀ ²⁰	0.870-0.890
Optical rotation @ 20°C	-
Refractive index @ 20°C	1.451-1.484
Typical analysis of major components	-

10. Stability and reactivity

10.1 Reactivity	It presents no significant reactivity hazards, by itself or in contact with strong acids, alkalis or oxidising agents.
10.2 Chemical Stability	-
10.3 Possibility of hazardous reactions:	-
10.4 Conditions to avoid:	-
10.5 Incompatible Materials:	-
10.6 Hazardous Decomposition Products	Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects	Acute oral toxicity LD50 orl-rat >5q/kg FCT 12 981 (1974) Dermal Toxicity LD50: Not determines.
Acute toxicity:	Under Category 2
Skin corrosion /irritation:	Under Category 2
Seriously eye damage/irritation:	Under Category 2

Respiratory or skin sensitisation:	Not determined
Germ cell mutagenicity:	Not determined
Carcinogenicity:	Not determined
Reproductive toxicity:	Not determined
Summary of evaluation of the CMR properties:	Not determined
STOT- single exposure,	Not determined
STOT-repeated exposure:	Not determined
Aspiration hazard:	Not determined

12. Ecological information	
12.1 Toxicity	Aquatic Hazard long term Chronic category 2S
12.2 Persistency & degradability	-
12.3 Bio accumulative potential	-
12.4 Mobility in soil	-
12.5 Results of PBT and vPvB Assessment	-
12.6 Endocrine disrupting properties	-
12.7 Other adverse effects	-

13. Disposal considerations	
13.1 Waste treatment methods	
13.1.1. Product /Packaging disposal:	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
13.1.2 Waste treatment-relevant information:	Not available
13.1.3 Sewage disposal-relevant information:	Not available
13.1.4 Other disposal-relevant recommendations:	Not available

14. Transport information	
14.1 UN Number or ID number	Not available

14.2 UN proper Shipping name	Not available
14.3 Transport hazard class(es) ADR, IMDG, ICAO	Not available
14.4 Packing group	Not available
14.5 Environmental hazards	Not available
14.6 Special precautions for user	Not available
14.7 Maritime transport in bulk according to IMO instruments	Not available

15 Regulatory information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

I.e., EU Directives

15.2 Chemical Safety Assessment

16. Other information

(i) **Indication of Changes: Revised Safety Data Sheet Format:** From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021'.

(ii) **Abbreviations and acronyms:**

DNEL: Derived No-Effect Level.

PNEC: Predicted No- Effect Concentration.

ADR: European agreement concerning the international carriage of dangerous goods by road.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the 'International Civil Aviation Organisation" (ICAO)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Maritime Dangerous Goods.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

WGK: Water Hazard Class.

LC50: Lethal concentration, 50 percent

LD50: Lethal Dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

vPvB: Very Persistent and very Bio accumulative

Flam. Liq: Flammable Liquid

AT: Acute Toxicity – O = Oral / D = Dermal / I = Inhalation

Asp: Aspiration Hazard
Skin Corr/ Irrit: Skin Corrosion / Irritation
Skin Sens: Skin Sensation
Eye Dam/ Irrit: Eye damage / Irritation
Muta: Mutagenic
Carc: Carcinogenic
Resp: Respiration Sensitive
Repro: Reproductive Sensitive
EH A: Environmental Hazard Aquatic Acute
EH C: Environmental Hazard Aquatic Chronic

(iii) Key Literature references and sources of date.

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.

QC requirements

In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

Disclaimer:

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.