

MATERIAL SAFETY DATA SHEET

ROSE OTTO (DISTILLED)

Section 1: Identification of the substance/mixture and of the company/undertaking
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1.1. Product identifier

Product name: ROSE OTTO DISTILLED

CAS number: 90106-38-0

EINECS number: 290-260-3

Index number: 2989

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: E.U Commodity Code: 3301 29 41 FDA: 182.20

INCI Name: Rosa damascena. Country of Origin: Turkey

1.3. Details of the supplier of the safety data sheet

G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: info@baldwins.co.uk

Web: www.baldwins.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 207 703 5550
(office hours only)

Section 2: Hazards identification
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2.1. Classification of the substance or mixture

Classification under CLP: Carc. 2: H351; Muta. 2: H341; Skin Corr. 1A: H314;
Skin Sens. 1: H317

Most important adverse effects: Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Suspected of causing genetic defects. Suspected of causing cancer [immune system].

2.2. Label elements

Hazard statements:

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H341: Suspected of causing genetic defects.

H351: Suspected of causing cancer [immune system].

Signal words: Danger

Hazard pictograms:

GHS05: Corrosion

GHS07: Exclamation mark

GHS08: Health hazard

Precautionary statements:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

2.3. Other hazards

Other hazards: Risk of explosion if heated under confinement.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients
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3.2. Mixtures

Hazardous ingredients:

CITRONELLOL

EINECS CAS PBT / WEL CLP Classification Percent

296-654-1 92908/26/4 Skin

Sens. 1B: H317; Eye Irrit. 2:

H319; Skin Irrit. 2: H315

30-50%

GERANIOL

203-377-1 106-24-1 Skin

Irrit. 2: H315; Skin Sens. 1: H317;

Eye Irrit. 2: H319; Eye Dam. 1: H318

10-30%

LINALOOL

201-134-4 78-70-6 Skin

Irrit. 2: H315; Eye Irrit. 2: H319 1-10%

METHYL EUGENOL

202-223-0 93-15-2 -Carc. 2: H351; Acute Tox. 4: H302;

Muta. 2: H341

1-10%

EUGENOL

202-589-1 97-53-0 Acute

Tox. 4: H302; Eye Irrit. 2: H319;

Skin Sens. 1: H317

1-10%

CITRAL

226-394-6 5392-40-5 Skin

Irrit. 2: H315; Skin Sens. 1: H317 <1%

PHENYL ETHYL ALCOHOL

200-456-2 60-12-8 Acute

Tox. 4: H302; Eye Irrit. 2: H319 <1%

PINENE ALPHA

201-291-9 80-56-8 Flam.

Liq. 3: H226; Skin Irrit. 2: H315;

Skin Sens. 1B: H317; Asp. Tox. 1:

H304

<1%

Contains: Essential oil of Rosa damascena, Rosaceae. (distilled)

100 % pure and natural from named source

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures
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5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to

unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage
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7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid, may crystallise at low temps.

Colour: Pale straw

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Non-viscous

Flash point°C: 102 Part.coeff. n-octanol/water: 1.4520 to 1.4640

Vapour pressure: -1.5 to - 5.5 Relative density: 0.847 to 0.862

pH: <10

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section II: Toxicological information

II.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
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ORL	RAT	LD ₅₀	12560	mg/kg
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Hazardous ingredients:

GERANIOL

IMS	MUS	LD ₅₀	4000	mg/kg
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IVN	RBT	LDLO	50	mg
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ORL	RAT	LD ₅₀	3600	mg/kg
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EUGENOL

ORL	RAT	LD ₅₀	1930	mg/kg
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SKN	HMN	40		
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		mg/48	MLD	
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CITRAL

IPR	RAT	LD ₅₀	460	mg/kg
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ORL	MUS	LD ₅₀	6	gm/kg
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ORL	RAT	LD ₅₀	4960	mg/kg
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PHENYL ETHYL ALCOHOL

Dermal GPG 5-

10 ml/kg

EYE RBT 12

g/10M MLD

IPR GPG LD₅₀ 400 mg/kg

IPR MUS LD₅₀ 200 mg/kg

ORL GPG LD₅₀ 400 mg/kg

ORL MUS LD₅₀ 800 mg/kg

ORL RAT LD₅₀ 1790 mg/kg

ORL RAT TDLo 43 mg/kg(6-15 D preg)TER

SKN GPG LD₅₀ 5000 mg/kg

SKN RBT LD₅₀ 790 mg/kg

Relevant hazards for substance:

Hazard Route Basis

Skin corrosion/irritation DRM Hazardous: calculated

Serious eye damage/irritation OPT Hazardous: calculated

Respiratory/skin sensitisation DRM Hazardous: calculated

Germ cell mutagenicity --Hazardous: calculated

Carcinogenicity --Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Recommended for professional use only as an ingredient in perfumes and food flavours.

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

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 <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



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