

1 IDENTIFICATION OF THE SUBSTANCE/ MIXTURE and of THE COMPANY/ UNDERTAKING

1.1 Company Identification

et-projekt AG *The Olfactory*
Wohlenbergstrasse 6
30179 Hannover
Phone & Fax: +49 511 33959830
email: info@theolfactory.de

1.2 Emergency Contact

Emergency number available 24 hours: +49 511 333959855 (International)

1.3 Product Identifier

Product Name	Rose Water
INCI Name	Rosa Damascena (Rose) Flower Water
Ingredients	Rosa Damascena (Rose) Flower Water
Description	This floral water is 100% pure and natural product obtained by steam distillation of the flowers of the oil-bearing rose (rosa damascena).
CAS#	90106-38-0
EC#	290-260-3
HS Code	3301.90.90.10.00
Identified Uses	Perfume, cosmetic item

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:

Mop up spills with non-flammable adsorbents (e.g. vermiculite, spill mats)

Risk of slipping due to leakage/spillage of product.

2.2 Label elements

Global Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Directive 67/548/EEC or 1999/45/EC

Directive 1999/45/EC ("Preparation Directive")

The product does not require a hazard warning label in accordance with EC Directives.

2.3 Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

The product does not contain a substance fulfilling the PBT (persistent/ bioaccumulative/ toxic) criteria or the vPvB (very persistent/ very bioaccumulative) criteria. Mop up spills with nonflammable adsorbents (e.g. vermiculite, spill mats). Risk of slipping due to leakage/ spillage of product.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances

Chemical nature

INCI Name	Rosa Damascena (Rose) Flower Water
Ingredients	Rosa Damascena (Rose) Flower Water
Description	This floral water is 100% pure and natural product obtained by steam distillation of the flowers of the oil-bearing rose (rosa damascena).
CAS#	90106-38-0
EC#	290-260-3

3.2 Chemical Characterizations: Mixture

Not applicable.

4 FIRST AID MEASURES

4.1 Description of first aid measures

Remove contaminated clothing.

Inhalation : Keep patient calm, remove to fresh air.

Skin contact : Wash thoroughly with soap and water.

Eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Ingestion : Rinse mouth and then drink plenty of water.

4.2 Most important symptoms and effects both, acute and delayed

Symptoms : No significant reaction of the human body known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Symptomatic treatment (decontamination, vital functions).

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Water spray, carbon dioxide, dry Powder, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons : Water jet

5.2 Advice for firefighters

Full protective equipment, including self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) should be used. Water may be used to keep containers and surroundings cool.

Further information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Cool endangered containers with water spray.

6 ACCIDENTAL RELEASE MEASURES

High risk of slipping due to leakage/ spillage of product.

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures refer to section 8.

6.2 Environmental precautions

Do not discharge into drains/ surface waters/ groundwater.

6.3 Methods and material for containment and cleaning up

For small amounts : Contain spillage with absorbent material (e.g. sand, silica gel, general purpose binder, sawdust).

For large amounts : Dyke spillage and pump off.

Mop up spills with nonflammable adsorbents (e.g. vermiculite, spill mats), soiled textiles (e.g. cleaning rags).

Dispose wetted absorbents in a safe manner and dispose of absorbed material in accordance with local/ national regulations.

6.4 Reference to other sections

Refer to Section 8 and Section 13 of MSDS.

7 HANDLING AND STORAGE

7.1 Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in closed containers when not in use. Store in a dry and ventilated place. Isolate from heat and direct sun light. Do not store above 25° C / 77° F.

8 EXPOSURE CONTROL/ PERSONAL PROTECTION

8.1 Control parameters

Components with occupational exposure limits : No occupational exposure limits known.

PNEC

Freshwater :	0 mg/l
Marine water :	0 mg/l
Intermittent release :	0 mg/l
Sediment (freshwater) :	0 mg/ kg
Sediment (marine water) :	0 mg/ kg
Soil :	0 mg/ kg
STP :	0 mg/l

DNEL

Worker :	Long-term exposure, systemic effects, inhalation :	0 mg/ m ³
	Long- term exposure, systemic effects, dermal:	0 mg/ kg
Consumer :	Long-term exposure, systemic effects, inhalation :	0 mg/ m ³
	Long- term exposure, systemic effects, dermal :	0 mg/ kg
	Long- term exposure, systemic effects, oral :	0 mg/ kg

8.2 Exposure controls

Individual protection measures, such as personal protective equipment :

Respiratory protection : Respiratory protection in case of vapour/ aerosol release.
 Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149,
 Type P2 or FFP2)

Hand protection : Chemical resistant protective gloves (EN 374)

Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection : Body protection to be chosen based on level of activity and exposure.

8.3 General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke while using this product. Wash hands and/ or face thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. Store work clothing separately. Launder contaminated clothing when ever needed.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance :	Clear liquid
Physical state :	Liquid
Colour :	Colourless
Odour :	Fragrant rose
pH value :	4,60
Freezing point :	≤ 0° C, 32° F
Boiling point :	≥ 100° C, 212° F
Flash point :	150° C, 302° F
Evaporation rate :	Value can be approximated from Henry's Law Constant or vapour pressure
Flammability :	Hardly combustible
Lower explosion limit :	Not relevant for classification and labelling.
Upper explosion limit :	Not relevant for classification and labelling.
Ignition temperature :	Not determind, no data available
Vapour pressure :	Not determind, no data available
Density :	0,98g/ cm ³ (20° C, 68° F)
Relative vapour density (air) :	Not determind, no data available
Solubility in water :	Not determind, no data available
Auto-ignition :	Not determind, no data available
Thermal decomposition :	Not determind, no data available
Viscosity, kinematic :	Not determind, no data available
Explosion hazard :	Based on the chemical structure there is no indicating of explosive properties.
Fire promoting properties :	Based on the structural properties the product is not classified as oxidizing.

9.2 Other information

Non-flammable liquid and vapor.

10 STABILITY AND RELIABILITY

10.1 Reactivity

No hazardous reactions and stable under recommended transporting, storing and handling conditions.

Corrosion to metals : Oxidizing metal surfaces possible when stored in unsuitable metal container.

10.2 Chemical stability

Stable under recommended transporting, storing and handling conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Incompatible materials. Keep away from heat and avoid direct sunlight.

10.5 Incompatible materials

Oxidizing agents, strong acids and strong alkalies.

10.6 Hazardous decomposition products

No hazardous decomposition products known under recommended transporting, storing and handling conditions.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity is not known.

<u>Assessment of acute toxicity</u> :	No data available
<u>Irritation</u> :	No data available
<u>Respiratory/ skin sensitization</u> :	No data available
<u>Germ cell mutagenicity</u> :	No data available
<u>Carcinogenicity</u> :	No data available
<u>Reproductive toxicity</u> :	No data available
<u>Developmental toxicity</u> :	No data available
<u>STOT (single exposure)</u> :	No data available
<u>Repeated dose toxicity and STOT (repeated exposure)</u> :	No data available
<u>Aspiration toxicity</u> :	No data available

12 ECOLOGICAL INFORMATION

12.1 Biodegradability :	Biodegradable
12.2 Persistence and degradability :	No data available
12.3 Bioaccumulative potential :	Not bioaccumulative
12.4 Mobility in soil :	No data available
12.5 Results of PBT and vPvB assessment :	No data available
12.6 Other adverse effects :	None identified.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Contaminated packaging must be sent to for recovery/ recycling or disposal in compliance with national waste management regulations.

14 TRANSPORT INFORMATION

Land transport – ADR/ RID

Not classified as dangerous good under transport regulations

UN number : Not Applicable
UN shipping name : Not Applicable
Transport hazard class(es) : Not Applicable
Packing group : Not Applicable
Environmental hazards : Not Applicable
Special precautions for user : See section 8.2 of MSDS

Inland waterway transport - ADN

Not classified as dangerous good under transport regulations

UN number : Not Applicable
UN shipping name : Not Applicable
Transport hazard class(es) : Not Applicable
Packing group : Not Applicable
Environmental hazards : Not Applicable
Special precautions for user : See section 8.2 of MSDS
Transport in
inland waterway vessel : Not evaluated

International sea transport – IMDG

Not classified as dangerous good under transport regulations

UN number : Not Applicable
UN shipping name : Not Applicable
Transport hazard class(es) : Not Applicable
Packing group : Not Applicable
Environmental hazards : Not Applicable
Special precautions for user : See section 8.2 of MSDS

International air transport – IATA/ ICAO

Not classified as dangerous good under transport regulations

UN number : Not Applicable
UN shipping name : Not Applicable
Transport hazard class(es) : Not Applicable
Packing group : Not Applicable
Environmental hazards : Not Applicable
Special precautions for user : See section 8.2 of MSDS

14.1 UN number

Refer to entries for “UN number” for the respective regulations in the listings above.

14.2 UN shipping name

Refer to entries for “UN shipping name” for the respective regulations in the listings above.

14.3 Transport hazard class(es)

Refer to entries for “Transport hazard class(es)” for the respective regulations in the listings above.

14.4 Packing group

Refer to entries for "packaging group" for the respective regulations in the listings above.

14.5 Environmental hazards

Refer to entries for "Environmental hazards" for the respective regulations in the listings above.

14.6 Special precautions for user

Refer to section 8.2 of MSDS

14.7 Transport in BULK according to Annex II of MARPOL 73/78 and IBC Code Regulation

Not applicable

15 REGULATORY INFORMATION

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

Not applicable, no known regulations by specific legislation.

15.2 Chemical safety assessment

CSA/ CSR not applicable.

16 OTHER INFORMATION

16.1 Abbreviations

ADR :	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS :	Chemical Abstracts Service (division of the American Chemical Society)
CLP :	Classification, Labeling, Packaging
DNEL :	Derived No Effect Level
EINECS :	European Inventory of Existing Commercial Chemical Substances
GHS :	Globally Harmonized System of Classification and Labeling of Chemicals
IATA :	International Air Transport Association
IATA-DGR :	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO :	International Civil Aviation Organization
ICAO-TI :	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG :	International Maritime Code for Dangerous Goods
INCI :	International Nomenclature of Cosmetic Ingredients
LTE :	Long-term exposure
PNEC :	Predicted No Effect Concentration
RID :	Regulation Concerning the International Transport of Dangerous Goods by Rail
STE :	Short-term exposure
STEL :	Short Term Exposure limit
STOT :	Specific Target Organ Toxicity

Disclaimer

This safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the

product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and transportation to consult the main regulatory texts in force regarding workers and environment protection.

The data provided here do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.