

1749800

 Reviewed on: 28/07/2016
 Printing date: 28/07/2016

PRODUCT : ROSE 50/50 MIX-OIL

(continued of page 1)

03 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description:
Mixture

- Dangerous components:

CAS NO.	Description Index R-phrases	%
106-22-9	citronellol Numéro CE: 203-375-0 GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	20,01- 50,00
106-24-1	geraniol Numéro CE: 203-377-1 GHS05 Eye Dam. 1 - H318; GHS07 Skin Irrit. 2 - H315, Skin Sens. 1 - H317	10,01- 20,00
106-25-2	nerol Numéro CE: 203-378-7 GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	5,01- 10,00
105-87-3	geranyl acetate Numéro CE: 203-341-5 GHS07 Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Aquatic Chronic 3 - H412	1,01- 5,00
60-12-8	2-phenylethanol Numéro CE: 200-456-2 GHS07 Acute Tox. 4 - H302, Eye Irrit. 2 - H319	1,01- 5,00
78-70-6	linalol Numéro CE: 201-134-4 GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317	1,01- 5,00
4602-84-0	farnesol Numéro CE: 225-004-1 GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	1,01- 5,00
5392-40-5	citral Numéro CE: 226-394-6 GHS07 Skin Irrit. 2 - H315, Skin Sens. 1 - H317	1,01- 5,00
93-15-2	methyl eugenol Numéro CE: 202-223-0 GHS07 Acute Tox. 4 - H302; GHS08 Muta. 2 - H341, Carc. 2 - H351	1,01- 5,00
97-53-0	eugenol natural Numéro CE: 202-589-1 GHS07 Eye Irrit. 2 - H319, Skin Sens. 1 - H317	1,01- 5,00
80-56-8	pin-2(3)-ene (alpha pinene) Numéro CE: 201-291-9 GHS08 Asp. Tox. 1 - H304; GHS02 Flam. Liq. 3 - H226; GHS07 Skin Irrit. 2 - H315, Skin Sens. 1 - H317	0,10-1,00
106-23-0	citronellal Numéro CE: 203-376-6 GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	0,10-1,00
80-56-8	pinenes Numéro CE: 201-291-9 GHS08 Asp. Tox. 1 - H304; GHS02 Flam. Liq. 3 - H226; GHS07 Skin Irrit. 2 - H315, Skin Sens. 1 - H317	0,10-1,00
16409-43-1	rose oxyde CO Numéro CE: 240-457-5 GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; GHS08 Repr. 2 - H361	0,10-1,00

EU

(continued on page 3)

1749800

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PRODUCT : ROSE 50/50 MIX-OIL

(continued of page 2)

04 First aid measures

- Description of first aid measures
- After inhalation:
Supply fresh air and to be sure call for a doctor.
- After skin contact:
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
Seek immediate medical advice.

05 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents:
CO2, sand, extinguishing powder. Do not use water.
Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:
Water with full jet
- Advice for firefighters
- Protective equipment:
Do not inhale explosion gases or combustion gases.
- Additional information
Cool endangered receptacles with water spray.

06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Keep away from ignition sources.
- Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
- Methods and material for containment and cleaning up:
Dispose of the material collected according to regulations.

07 Handling and storage

- Handling:
- Precautions for safe handling
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
- Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles:
Store in a cool location.
Prevent any seepage into the ground.
- Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.

EU

(continued on page 4)

1749800

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PRODUCT : ROSE 50/50 MIX-OIL

(continued of page 3)

08 Exposure controls/personal protection

- Control parameters
- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- CAS No.** **Designation of material** % **Type** **Value Unit**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Avoid contact with the skin.
- Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands: Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses

09 Physical and chemical properties
Information on basic physical and chemical properties
General Information
Appearance:

Form:	fluid
Colour:	pale yellow
Odour:	rose
Odour threshold:	Not determined.

Change in condition

Boiling point/Boiling range:	Not determined.
Flash point:	69 °C NFT 60-103 CC
Flammability (solid, gaseous):	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Relative density :	0,8650 0,8750 D20/20
Solubility in / Miscibility with water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.

EU

(continued on page 5)

1749800

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PRODUCT : ROSE 50/50 MIX-OIL

(continued of page 4)

10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
Not determined.
- Possibility of hazardous reactions
No dangerous reactions known.
- Conditions to avoid
No further relevant information available.
- Hazardous decomposition products:
Not determined.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
Not determined.
- Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- Toxicity
- Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
Not determined.
- Behaviour in environmental systems:
Not determined.
- Mobility in soil
No further relevant information available.
- Ecotoxicological effects:
Not determined.
- Additional ecological information:
- General notes:
Do not allow product to reach ground water, water course or sewage system.
Toxic for aquatic organisms
The product contains materials that are harmful to the environment.
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.
- Other adverse effects
No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

EU

(continued on page 6)

1749800

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PRODUCT : ROSE 50/50 MIX-OIL

(continued of page 5)

14 Transport information

- UN-Number
ADR Void
IMDG Void
IATA Void
- UN proper shipping name
ADR Void
IMDG Void
IATA Void
- Transport hazard class(es)
ADR
Class Void
IMDG
Class Void
IATA
Class Void
- Packing group
ADR Void
IMDG Void
IATA Void
- Environmental hazards:
 Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 Not applicable.
- Transport/Additional information:
 Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
- Waterhazard class:
 Water hazard class 2 (Self-assessment): hazardous for water.
- Chemical safety assessment:
 A Chemical Safety Assessment has not been carried out.

16 Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document. The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H361	Suspected of damaging fertility or the unborn child.
H412	Harmful to aquatic life with long lasting effects.

- Abbreviations and acronyms:

(continued on page 7)

CHEMICAL SAFETY DATA SHEET

according to 1907/2006/EC Article 31, as amended by N° 453/2010

1749800

Reviewed on: 28/07/2016

Printing date: 28/07/2016

PRODUCT : ROSE 50/50 MIX-OIL*(continued of page 6)*

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative