

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 05/20/2010

Reviewed on 02/06/2008

1 Identification of substance

Product details

Trade name: ROSE PETALS (FR-ROSEPET-DF)

Article number: K01922

Application of the preparation: Fragrance

Manufacturer/Supplier:

Saffire Blue Inc.
1444 Bell Mill Road
Tillsonburg, ON N4G4G9 Canada
Tel: 519-286-0295

2 Composition/Data on components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

120-51-4	Benzyl benzoate
60-12-8	PHENYL ETHYL ALCOHOL (BETA)
106-22-9	Citronellol
106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-
80-54-6	LILIAL
102-20-5	PHENYL ETHYL PHENYL ACETATE
105-87-3	GERANYL ACETATE
14901-07-6	IONONE BETA PURE
103-95-7	CYCLAMEN ALDEHYDE 96%
106-21-8	3,7-dimethyloctan-1-ol
112-45-8	10-Undecenal
101-84-8	diphenyl ether

3 Hazards identification

Hazard description:



Harmful

Information pertaining to particular dangers for man and environment:

The product has to be labelled due to the calculation procedure of international guidelines.

Harmful if swallowed.

Irritating to skin.

May cause sensitisation by skin contact.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

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· NFPA ratings (scale 0 - 4)

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Health = 2
Fire = 1
Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = *2
Fire = 1
Reactivity = 0

4 First aid measures

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing: Immediately call a doctor.

5 Fire fighting measures

· Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· Protective equipment: No special measures required.

6 Accidental release measures

· Person-related safety precautions: Not required.

· Measures for environmental protection:

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.

Do not allow to enter sewers/ surface or ground water.

· Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7 Handling and storage

· Handling:

· Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

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Prevent formation of aerosols.

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- Information about protection against explosions and fires: No special measures required.

- Storage:

- Requirements to be met by storerooms and receptacles: No special requirements.

- Information about storage in one common storage facility: Not required.

- Further information about storage conditions: None.

8 Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Components with limit values that require monitoring at the workplace:

140-11-4 ACETIC ACID, PHENYL METHYL ESTER

TLV 61 mg/m³, 10 ppm

- Additional information: The lists that were valid during the creation were used as basis.

- Personal protective equipment:

- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

- Breathing equipment:

In case of intensive or long exposure in low ventilation areas, it is suggested that a respiratory protective device be used.

- 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: Goggles recommended during refilling.

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9 Physical and chemical properties

· General Information

Form: liquid
Color: According to product specification
Odor: Characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 110°C (230°F)

· **Flash point:** > 93°C (> 199°F)

· **Ignition temperature:** 410°C (770°F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapor pressure at 20°C (68°F):** 0.018 hPa

· **Specific gravity:** 1.0149

· **Refractive Index @ 20C** 1.5246

· **Solubility in / Miscibility with Water:**

Not miscible or difficult to mix.

· **Solvent content:**

Organic solvents: 0.0 %

· **Solids content:** 1.8 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

120-51-4 Benzyl benzoate

Oral LD50 1700 mg/kg (rat)

Dermal LD50 4000 mg/kg (rabbit)

106-22-9 Citronellol

Oral LD50 3450 mg/kg (rat)

Dermal LD50 2650 mg/kg (rabbit)

80-54-6 LILIAL

Oral LD50 1390 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

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- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

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15 Regulations

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

None of the ingredients are listed.

· IARC (International Agency for Research on Cancer)

I40-11-4 ACETIC ACID, PHENYL METHYL ESTER

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· NTP (National Toxicology Program)

None of the ingredients are listed.

· TLV (Threshold Limit Value established by ACGIH)

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· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

· Product related hazard informations:

The product has been classified and marked in accordance with directives on hazardous materials.

· Hazard symbols:

Harmful

· Hazard-determining components of labelling:

Citronellol

2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-

LILIAL

Benzyl benzoate

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Risk phrases:*Harmful if swallowed.**Irritating to skin.**May cause sensitisation by skin contact.**Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.***Safety phrases:***Keep out of the reach of children.**Keep away from food, drink and animal feedingstuffs.***16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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