# SAFETY DATA SHEET



Air Wick Botanica Scented Oil - Eucalyptus and Sage

## 1. Product and company identification

Product name Distributed by : Air Wick Botanica Scented Oil - Eucalyptus and Sage

Reckitt Benckiser LLC.
 Morris Corporate Center IV

399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225

+1 973 404 2600

Reckitt Benckiser (Canada) Inc. 1680 Tech Avenue, Unit #2 Mississauga, Ontario L4W 5S9

CANADA

Telephone: +1 905 283 7000

Emergency telephone number (Medical)

: 1-800-338-6167

Emergency telephone number (Transport)

: 1-800-424-9300 (U.S. & Canada) CHEMTREC

Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

Website: : http://www.rbnainfo.com

Product use : Air care, continuous action (solid and liquid)

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

 SDS #
 : D8375824 v2.0

 Formulation #
 : 3134509 v1.0

 UPC Code / Sizes
 : Glass Bottle

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

**Identified uses** 

AirCare Product Consumer use

## 2. Hazards identification

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1

**GHS** label elements

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### 2. Hazards identification

**Hazard pictograms** 

Signal word : Warning

**Hazard statements** : Combustible liquid.

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

**Precautionary statements** 

General : Read label before use. Keep out of reach of children. If medical advice is needed,

have product container or label at hand.

**Prevention**: Wear protective gloves. Wear eye or face protection. Keep away from flames and hot

surfaces. - No smoking. Avoid breathing vapor. Wash hands thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Response : IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before

reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : Store in a well-ventilated place. Keep cool.

Disposal : Dispose of contents and container in accordance with all local, regional, national and

international regulations.

Supplemental label

elements

: None known.

Hazards not otherwise

classified

: None known.

## 3. Composition/information on ingredients

Substance/mixture : Mixture

| Ingredient name                                     | %       | CAS number  |
|---|---------|-------------|
| 2,2-dimethyl-1,3-dioxolan-4-ylmethanol              | 60 - 80 | 100-79-8    |
| Linalool  | 5 - 10  | 78-70-6     |
| Linalyl acetate                                     | 1 - 5   | 115-95-7    |
| 4-Methoxy-alpha-methylbenzenepropanal               | 1 - 5   | 5462-06-6   |
| Benzyl acetate                                      | 1 - 5   | 140-11-4    |
| Terpineol   | 1 - 5   | 8000-41-7   |
| Geranyl acetate                                     | 1 - 5   | 105-87-3    |
| Isopropyl myristate                                 | 1 - 5   | 110-27-0    |
| Geraniol  | 0.1 - 1 | 106-24-1    |
| 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde          | 0.1 - 1 | 68039-49-6  |
| Eucalyptol  | 0.1 - 1 | 470-82-6    |
| Benzeneacetonitrile, .alphabutylidene-, (.alpha.Z)- | 0.1 - 1 | 130786-09-3 |
| 4-Methyl-2-pentanone                                | 0.1 - 1 | 108-10-1    |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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Inhalation

### 4. First aid measures

#### **Description of necessary first aid measures**

**Eye contact** 

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar,

tie, belt or waistband.

**Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash

contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean

shoes thoroughly before reuse.

Ingestion Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and

keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

: Causes skin irritation. May cause an allergic skin reaction. Skin contact

Ingestion : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:

> pain or irritation watering

redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:

> irritation redness

Ingestion : No specific data.

#### Indication of immediate medical attention and special treatment needed, if necessary

: Treat symptomatically. Contact poison treatment specialist immediately if large Notes to physician

quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. It may

be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash

contaminated clothing thoroughly with water before removing it, or wear gloves.

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### 4. First aid measures

See toxicological information (Section 11)

## 5. Fire-fighting measures

### **Extinguishing media**

Suitable extinguishing media

: Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

Unsuitable extinguishing media

: Do not use water jet.

Specific hazards arising from the chemical

: Combustible liquid. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

**Hazardous thermal** decomposition products : Decomposition products may include the following materials: carbon dioxide carbon monoxide

**Special protective actions** for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective** equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

**Environmental precautions** 

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** 

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the

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### 6. Accidental release measures

same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and storage

#### Precautions for safe handling

#### **Protective measures**

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

## including any incompatibilities

**Conditions for safe storage**, : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## 8. Exposure controls/personal protection

#### Control

### Occupational exposure limits

| Ingredient name | Exposure limits                    |
|-----------------|------------------------------------|
| Benzyl acetate  | ACGIH TLV (United States, 3/2018). |
|                 | TWA: 10 ppm 8 hours.               |
|                 | TWA: 61 mg/m³ 8 hours.             |

#### **Appropriate engineering** controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### **Environmental exposure** controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual protection measures

### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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## 8. Exposure controls/personal protection

**Eye/face protection** 

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

**Hand protection** 

: Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** 

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** 

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## 9. Physical and chemical properties

**Appearance** 

**Physical state** : Liquid.

: Colourless to pale yellow Color

Odor Not available. **Odor threshold**  Not available. pН : Not available. **Melting point** : Not available. **Boiling point** : Not available.

: Closed cup: 80°C (176°F) Flash point

Not available. **Evaporation rate** Flammability (solid, gas) : Not available. Lower and upper explosive : Not available.

(flammable) limits

: Not available. Vapor pressure : Not available. Vapor density **Relative density** : 1.02 to 1.03 **Solubility** : Not available. Partition coefficient: n-: Not available.

octanol/water

: Not available. **Auto-ignition temperature Decomposition temperature** : Not available. **Viscosity** Not available.

**Aerosol product** 

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## 10. Stability and reactivity

Reactivity

: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** 

: The product is stable.

Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** 

: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**Incompatible materials** 

: Reactive or incompatible with the following materials: oxidizing materials

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

#### Information on toxicological effects

#### **Acute toxicity**

| Product/ingredient name | Result      | Species | Dose        | Exposure |
|-------------------------|-------------|---------|-------------|----------|
| Linalool                | LD50 Dermal | Rabbit  | 5610 mg/kg  | -        |
|                         | LD50 Dermal | Rat     | 5610 mg/kg  | -        |
|                         | LD50 Oral   | Rat     | 2790 mg/kg  | -        |
| Linalyl acetate         | LD50 Dermal | Rabbit  | >5000 mg/kg | -        |
| •                       | LD50 Oral   | Rat     | 13934 mg/kg | -        |
| 4-Methoxy-alpha-        | LD50 Dermal | Rabbit  | >5 g/kg     | -        |
| methylbenzenepropanal   |             |         |             |          |
| Benzyl acetate          | LD50 Dermal | Rabbit  | >5 g/kg     | -        |
| -                       | LD50 Oral   | Rat     | 2490 mg/kg  | -        |
| Terpineol               | LD50 Oral   | Rat     | 4300 mg/kg  | -        |
| Geranyl acetate         | LD50 Oral   | Rat     | 6330 mg/kg  | -        |
| Geraniol                | LD50 Dermal | Rabbit  | >5000 mg/kg | -        |
|                         | LD50 Oral   | Rat     | 2.1 g/kg    | -        |
| Eucalyptol              | LD50 Oral   | Rat     | 2480 mg/kg  | -        |

### Conclusion/Summary Irritation/Corrosion

: Based on available data, the classification criteria are not met.

| Product/ingredient name | Result                     | Species      | Score | Exposure                   | Observation |
|-------------------------|----------------------------|--------------|-------|----------------------------|-------------|
| Linalool                | Eyes - Moderate irritant   | Rabbit       | -     | 1 hours 0.1                | -           |
|                         |                            |              |       | Mililiters                 |             |
|                         | Eyes - Moderate irritant   | Rabbit       | -     | 100                        | -           |
|                         |                            |              |       | microliters                |             |
|                         | Skin - Moderate irritant   | Guinea pig   | -     | 24 hours 100               | -           |
|                         |                            |              |       | milligrams                 |             |
|                         | Skin - Mild irritant       | Human        | -     | 72 hours 32                | -           |
|                         | 0                          |              |       | Percent                    |             |
|                         | Skin - Mild irritant       | Man          | -     | 48 hours 16                | -           |
|                         | Older Mildingtont          | D - l- l- 14 |       | milligrams                 |             |
|                         | Skin - Mild irritant       | Rabbit       | -     | 24 hours 500               | -           |
|                         | Chin Covers imitent        | Dobbit       |       | milligrams                 |             |
|                         | Skin - Severe irritant     | Rabbit       | -     | 24 hours 100               | -           |
| Lingly agotata          | Skin - Moderate irritant   | Cuinos nia   |       | milligrams<br>24 hours 100 |             |
| Linalyl acetate         | Skiii - Moderate irritant  | Guinea pig   | 1-    | milligrams                 | _           |
|                         | Skin - Severe irritant     | Rabbit       | 1_    | 24 hours 100               | _           |
|                         | Skiii - Severe iiritarit   | Tabbit       | 1     | milligrams                 | _           |
| Benzyl acetate          | Skin - Moderate irritant   | Rabbit       | 1_    | 24 hours 100               |             |
| Denzyi decidie          | OKIII - WOGCIALE IIIILAIIL | Tabbit       |       | 24 110013 100              |             |

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## 11. Toxicological information

|                 |                          |             |   | milligrams   |   |
|-----------------|--------------------------|-------------|---|--------------|---|
| Terpineol       | Eyes - Mild irritant     | Mammal -    | - | 12.5 Percent | - |
|                 |                          | species     |   |              |   |
|                 |                          | unspecified |   |              |   |
|                 | Skin - Moderate irritant | Rabbit      | - | 24 hours 500 | - |
|                 |                          |             |   | milligrams   |   |
| Geranyl acetate | Skin - Moderate irritant | Guinea pig  | - | 24 hours 100 | - |
|                 |                          |             |   | milligrams   |   |
|                 | Skin - Mild irritant     | Man         | - | 48 hours 16  | - |
|                 |                          |             |   | milligrams   |   |
|                 | Skin - Severe irritant   | Rabbit      | - | 24 hours 100 | - |
|                 |                          |             |   | milligrams   |   |
| Geraniol        | Skin - Mild irritant     | Guinea pig  | - | 30 Percent   | - |
|                 | Skin - Severe irritant   | Guinea pig  | - | 24 hours 100 | - |
|                 |                          |             |   | milligrams   |   |
|                 | Skin - Severe irritant   | Human       | - | 48 hours 32  | - |
|                 |                          |             |   | Percent      |   |
|                 | Skin - Severe irritant   | Man         | - | 24 hours 16  | - |
|                 |                          |             |   | milligrams   |   |
|                 | Skin - Moderate irritant | Rabbit      | - | 4 hours 0.5  | - |
|                 |                          |             |   | Mililiters   |   |
|                 | Skin - Severe irritant   | Rabbit      | - | 24 hours 100 | - |
|                 |                          |             |   | milligrams   |   |

#### **Conclusion/Summary**

**Skin**: Based on Calculation Method: Causes skin irritation.

Eyes : Based on Calculation Method: Causes serious eye irritation.Respiratory : Based on available data, the classification criteria are not met.

### **Sensitization**

Not available.

### **Conclusion/Summary**

Skin : Based on Calculation Method: May cause an allergic skin reaction.Respiratory : Based on available data, the classification criteria are not met.

Mutagenicity

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

Carcinogenicity

Not available.

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

**Classification** 

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| Benzyl acetate          | -    | 3    | -   |

#### **Reproductive toxicity**

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

**Teratogenicity** 

Not available.

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## 11. Toxicological information

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely

routes of exposure

: Not available.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact**: Causes skin irritation. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

Inhalation : No specific data.

**Skin contact**: Adverse symptoms may include the following:

irritation redness

Ingestion : No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

**Short term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

**Long term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to

very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

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## 11. Toxicological information

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

### **Numerical measures of toxicity**

### **Acute toxicity estimates**

| Product/ingredient name                             | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapors)<br>(mg/l) | Inhalation<br>(dusts and<br>mists) (mg/<br>I) |
|---|------------------|-------------------|--------------------------------|----------------------------------|---|
| FIL,AWICK,GRASSE US LE                              | 18776.4          | N/A               | N/A                            | N/A                              | N/A   |
| FIR_3134509_D8375824_NA                             |                  |                   |                                |                                  |   |
| Linalool  | 2790             | 5610              | N/A                            | N/A                              | N/A   |
| Linalyl acetate                                     | 13934            | N/A               | N/A                            | N/A                              | N/A   |
| 4-Methoxy-alpha-methylbenzenepropanal               | 2500             | N/A               | N/A                            | N/A                              | N/A   |
| Benzyl acetate                                      | 2490             | N/A               | N/A                            | N/A                              | N/A   |
| Terpineol   | 4300             | N/A               | N/A                            | N/A                              | N/A   |
| Geranyl acetate                                     | 6330             | N/A               | N/A                            | N/A                              | N/A   |
| Geraniol  | 2100             | N/A               | N/A                            | N/A                              | N/A   |
| 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde          | 2500             | N/A               | N/A                            | N/A                              | N/A   |
| Eucalyptol  | 2480             | N/A               | N/A                            | N/A                              | N/A   |
| Benzeneacetonitrile, .alphabutylidene-, (.alpha.Z)- | 500              | N/A               | N/A                            | N/A                              | N/A   |

# 12. Ecological information

### **Toxicity**

| Product/ingredient name | Result                             | Species                    | Exposure             |
|-------------------------|------------------------------------|----------------------------|----------------------|
|                         | • •                                |                            | 48 hours<br>96 hours |
| Eucalyptol              | Acute LC50 102000 μg/l Fresh water | Fish - Pimephales promelas | 96 hours             |

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

#### **Persistence and degradability**

| Product/ingredient name | Test              | Result      |                  | Dose |         | Inoculum   |
|-------------------------|-------------------|-------------|------------------|------|---------|------------|
| Linalool                | -                 | 62.4 % - Re | eadily - 28 days | -    |         | -          |
| Product/ingredient name | Aquatic half-life |             | Photolysis       |      | Biodegi | radability |
| Linalool                | -                 |             | -                |      | Readily |            |

#### **Bioaccumulative potential**

| Product/ingredient name | LogPow | BCF   | Potential |
|-------------------------|--------|-------|-----------|
| Linalool                | 2.84   | -     | low       |
| Linalyl acetate         | 3.9    | 173.9 | low       |
| Benzyl acetate          | 1.96   | 8     | low       |
| Terpineol               | 2.6    | 24.13 | low       |
| Geranyl acetate         | 4.04   | -     | high      |
| Geraniol                | 2.6    | -     | low       |
| Eucalyptol              | 2.74   | -     | low       |

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## 12. Ecological information

**Mobility in soil** 

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

## 13. Disposal considerations

**Disposal methods** 

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# 14. Transport information

|                               | TDG Classification | DOT Classification | IMDG           | IATA           |
|-------------------------------|--------------------|--------------------|----------------|----------------|
| UN number                     | Not regulated.     | Not regulated.     | Not regulated. | Not regulated. |
| UN proper shipping name       | -                  | -                  | -              | -              |
| Transport<br>hazard class(es) | -                  | -                  | -              | -              |
| Packing group                 | -                  | -                  | -              | -              |
| Environmental hazards         | No.                | No.                | No.            | No.            |

**Additional information** 

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according: Not available. to Annex II of MARPOL and

the IBC Code

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## 15. Regulatory information

U.S. Federal regulations

Clean Air Act Section 112

: Not listed

(b) Hazardous Air Pollutants (HAPs)

**Clean Air Act Section 602** 

Class I Substances

: Not listed

**Clean Air Act Section 602** 

: Not listed

**Class II Substances** 

**DEA List I Chemicals** 

: Not listed

(Precursor Chemicals)

(i recursor offerficular)

DEA List II Chemicals
(Essential Chemicals)

(Essential Chemicals)

: Not listed

### **SARA 302/304**

#### **Composition/information on ingredients**

No products were found.

SARA 304 RQ : Not applicable.

**SARA 311/312** 

Classification : FLAMMABLE LIQUIDS - Category 4

SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1

#### Composition/information on ingredients

| Name                                       | %       | Classification                   |
|--|---------|----------------------------------|
| 2,2-dimethyl-1,3-dioxolan-<br>4-ylmethanol | 60 - 80 | FLAMMABLE LIQUIDS - Category 4   |
| Linalool                                   | 5 - 10  | FLAMMABLE LIQUIDS - Category 4   |
|  | 0 .0    | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2A     |
|  |         | SKIN SENSITIZATION - Category 1B |
| Linalyl acetate                            | 1 - 5   | FLAMMABLE LIQUIDS - Category 4   |
|  | . •     | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2B     |
|  |         | SKIN SENSITIZATION - Category 1B |
| 4-Methoxy-alpha-                           | 1 - 5   | SKIN SENSITIZATION - Category 1B |
| methylbenzenepropanal                      |         | <b>3</b> ,                       |
| Benzyl acetate                             | 1 - 5   | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2A     |
| Terpineol                                  | 1 - 5   | FLAMMABLE LIQUIDS - Category 4   |
| •  |         | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2A     |
| Geranyl acetate                            | 1 - 5   | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2A     |
|  |         | SKIN SENSITIZATION - Category 1B |
| Isopropyl myristate                        | 1 - 5   | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2A     |
| Geraniol                                   | 0.1 - 1 | SKIN IRRITATION - Category 2     |
|  |         | SERIOUS EYE DAMAGE - Category 1  |
|  |         | SKIN SENSITIZATION - Category 1  |
| 2,4-Dimethyl-3-cyclohexen-                 | 0.1 - 1 | FLAMMABLE LIQUIDS - Category 4   |
| 1-carboxaldehyde                           |         | SKIN IRRITATION - Category 2     |
|  |         | EYE IRRITATION - Category 2A     |

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## 15. Regulatory information

|                             |         | SKIN SENSITIZATION - Category 1B                 |
|-----------------------------|---------|--|
| Eucalyptol                  | 0.1 - 1 | FLAMMABLE LIQUIDS - Category 3                   |
|                             |         | SKIN SENSITIZATION - Category 1B                 |
| Benzeneacetonitrile, .alpha | 0.1 - 1 | ACUTE TOXICITY (oral) - Category 4               |
| butylidene-, (.alpha.Z)-    |         | SKIN SENSITIZATION - Category 1                  |
| 4-Methyl-2-pentanone        | 0.1 - 1 | FLAMMABLE LIQUIDS - Category 2                   |
|                             |         | ACUTE TOXICITY (inhalation) - Category 4         |
|                             |         | EYE IRRITATION - Category 2A                     |
|                             |         | CARCINOGENICITY - Category 2                     |
|                             |         | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) |
|                             |         | (Respiratory tract irritation) - Category 3      |

#### State regulations

Massachusetts : None of the components are listed.New York : None of the components are listed.

New Jersey : The following components are listed: BENZYL ACETATE; ACETIC ACID,

PHENYLMETHYL ESTER

**Pennsylvania** : None of the components are listed.

#### California Prop. 65

California Prop. 68

This product does not require a Safe Harbor warning under California Prop. 65.

#### **Label elements**

#### **CPSC**

Signal word : CAUTION

**Hazard statements**: EYE IRRITANT. Skin contact may cause an allergic reaction.

Precautionary measures : KEEP OUT OF REACH OF CHILDREN AND PETS. Avoid contact with eyes and skin.

DO NOT ingest.

#### **CCCR**

Signal word : CAUTION Hazard statements : IRRITANT

EYE IRRITANT. Skin contact may cause an allergic reaction.

**Precautionary measures**: Avoid contact with eyes and skin. DO NOT ingest.

KEEP OUT OF REACH OF CHILDREN AND PETS.

#### Additional information / Recommendations

Additional information : Contains fragrance oils. If in eyes, rinse eyes with water. Remove any contact lenses

and continue to rinse eyes for at least 15 minutes. Wash hands after handling. If reaction develops, discontinue use immediately and get medical attention. If swallowed, DO NOT induce vomiting. Call a physician or Poison Control Center immediately. DO NOT use in small, confined pet areas or other areas without adequate ventilation.

**Recommendations** : DO NOT operate with wet hands or metal objects. DO NOT obstruct or block air flow

from unit. DO NOT place near a source of heat or direct sunlight. DO NOT place on

polished, painted or plastic surfaces. Use in well ventilated areas only.

**Recommendations**: People suffering from perfume sensitivity should be cautious when using this product.

Air Fresheners DO NOT replace good hygiene practices.

FOR ADULT USE, ONLY. Not to be used by children and people with reduced physical,

sensory or mental capabilities.

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### 16. Other information

**Hazardous Material Information System (U.S.A.)** 



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**National Fire Protection Association (U.S.A.)** 



NFPA (30B) aerosol Flammability No known significant effects or critical hazards.

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Key to abbreviations :

: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

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Prepared by : Reckitt Benckiser India Ltd

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## 16. Other information

Revision comments : update of PSDS

Indicates information that has changed from previously issued version.

#### **Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



RB is a member of the CSPA Product Care Product Stewardship Program.

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