

# Summary of product characteristics for a biocidal product

**Product name:** Raid Night&Day Trio

**Product type(s):** PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

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**Authorisation number:**

**R4BP 3 asset reference number:** NL-0016419-0002

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## Administrative information

### 1.1. Trade names of the product

Raid Night&Day Trio
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### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	SC Johnson Europe Sàrl
Address	Z.A. la Piece 8 1180 Rolle Switzerland
Authorisation number	1-1

**R4BP 3 asset reference number**

NL-0016419-0002
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**Date of the authorisation**

04/12/2020
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**Expiry date of the authorisation**

04/12/2030
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### 1.3. Manufacturer(s) of the biocidal products

**Name of the manufacturer**

SC Johnson Europe Sàrl
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**Address of the manufacturer**

Z.A. la Piece 8 1180 Rolle Switzerland
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**Location of manufacturing sites**

Zobeles Holding S.p.A., Via Fersina, 4 38123 Trento Italy
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### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1404 - Transfluthrin
<b>Name of the manufacturer</b>	Bayer SAS
<b>Address of the manufacturer</b>	16 rue Jean-Marie Leclair CS 90106 69266 Lyon (Cedex 09) France
<b>Location of manufacturing sites</b>	Bayer Vapi Private Limited, Plot No. 306/3, 2nd phase GIDC, 396 195 Vapi India

## 2. Product composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		Active Substance	118712-89-3	405-060-5	13,4

### 2.2. Type of formulation

VP - Vapour releasing product
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	<p>Causes skin irritation.</p> <p>Very toxic to aquatic life with long lasting effects.</p> <p>Contains methenamine. May produce an allergic reaction.</p>
<b>Precautionary statements</b>	<p>If medical advice is needed, have product container or label at hand.</p> <p>Keep out of reach of children.</p> <p>Wash hands thoroughly after handling.</p> <p>Dispose of contents to in accordance with local/regional/national/international legislation.</p> <p>Avoid release to the environment.</p>

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - One heating setting

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	Insecticide
<b>Target organism(s) (including development stage)</b>	Scientific name: Culicidae: Common name: Mosquitoes Development stage: Adults  Scientific name: Muscidae: Common name: Flies Development stage: Adults
<b>Field(s) of use</b>	Indoor  For use in households and other private areas indoors.
<b>Application method(s)</b>	Method: Electrically heated vaporiser with one heating setting. Detailed description: The formulation consists of transfluthrin absorbed in an inert carrier matrix. The inert matrix is heated by an electrical heater unit which causes the transfluthrin to evaporate in a controlled manner.
<b>Application rate(s) and frequencies</b>	Application Rate: One unit will treat an up 20 m3 room for 10 days (240 hours) if used 24 h/day. Dilution (%): 0 Number and timing of application:  One unit will treat an up 20 m3 room for 10 days (240 hours) if used 24 h/day. In significantly larger rooms used 2 units.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Solid fibreboard unit box containing: - Night & Day™ + 1 refill or - two refills Night & Day™ is an unfilled diffuser unit. Assembly for a unit - PP - 4.75 g Metalized pouch - Metalized (aluminium) PP and PET - 106 x 106 mm (containing 1 refill) 1 refill is a sandcore in assembly for diffuser unit.

#### 4.1.1 Use-specific instructions for use

- 1) To assemble product:
    - Tear open the silver pouch and extract the refill holding it via triangular plastic shell.
    - Insert refill in the refill slot on the diffuser and twist it clockwise to lock.
  - 2) To prepare use up indicator that tells you when product has finished :
    - hold the tab and peel off the silver coloured foil from the top of the refill exposing the blue liquid use-up indicator.
    - The liquid will evaporate during use only when the diffuser is plugged in.
    - It is time to replace the refill when the liquid has dried up.
  - 3) To activate the product and start anti-mosquito/fly protection plug into a 230V electrical outlet.
    - Any orientation of plug is acceptable.
    - A red light tells you that the product is working.
    - For optimal efficacy, activate the device 1 hour in advance for mosquitoes and 1.5 hours in advance for flies.
  - 4) Use it night and day for 24 hours a day:
    - One refill lasts 10 days on medium setting (if used 24 hours a day).
    - After 10 days the indicator will tell you it's time to replace the refill to renew anti-mosquito/fly protection. Use only RAID Night&Day refills in the diffuser.To deactivate product at any time, simply unplug the diffuser from the power outlet.
- For use in rooms up to 20 m<sup>3</sup>.  
In significantly larger rooms use 2 units.
- High ventilation and use of air conditioning may reduce product efficacy.  
For optimal efficacy the windows should be closed during use of this product

#### 4.1.2 Use-specific risk mitigation measures

See general directions for use

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use

## 4.2 Use description

### Use 2 - Three heating settings

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	Insecticide
<b>Target organism(s) (including development stage)</b>	Scientific name: Culicidae: Common name: Mosquitoes Development stage: Adults  Scientific name: Muscidae: Common name: Flies Development stage: Adults
<b>Field(s) of use</b>	Indoor  For use in households and other private areas indoors.
<b>Application method(s)</b>	Method: Electrically heated vaporiser with three heating settings. Detailed description: The formulation consists of transfluthrin absorbed in an inert carrier matrix. The inert matrix is heated by an electrical heater unit which causes the transfluthrin to evaporate in a controlled manner.
<b>Application rate(s) and frequencies</b>	Application Rate: One unit will treat an up to 16 m3 room for 320 hours if used 24 h/day on low setting. One unit will treat an up to 20 m3 room for 240 hours if used 24 h/day on medium setting. One unit will treat an up to 30 m3 room for 160 hours if used 24 h/day on high setting. Dilution (%): 0 Number and timing of application:  One unit will treat an up to 16 m3 room for 320 hours if used 24 h/day on low setting. One unit will treat an up to 20 m3 room for 240 hours if used 24 h/day on medium setting. One unit will treat an up to 30 m3 room for 160 hours if used 24 h/day on high setting.  In significantly larger rooms used 2 units.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Solid fibreboard unit box containing:  - Night & Day™ + 1 refill  or  - Night & Day™ Trio + 1 refill  or  - two refills

Night & Day™ and Night & Day™ Trio are unfilled diffuser units.

Assembly for a unit - PP - 4.75 g

Metalized pouch - Metalized (aluminium) PP and PET - 106 x 106 mm (containing 1 refill)

1 refill is a sandcore in assembly for diffuser unit.

#### 4.2.1 Use-specific instructions for use

1) To assemble product:

- Tear open the silver pouch and extract the refill holding it via triangular plastic shell.
- Insert refill in the refill slot on the diffuser and twist it clockwise to lock.

2) To prepare use up indicator that tells you when product has finished :

- hold the tab and peel off the silver coloured foil from the top of the refill exposing the blue liquid use-up indicator.
- The liquid will evaporate during use only when the diffuser is plugged in.
- It is time to replace the refill when the liquid has dried up.

3) To activate the product and start anti-mosquito/fly protection plug into a 230V electrical outlet.

- Any orientation of plug is acceptable.
- A red light tells you that the product is working.
- For optimal efficacy, activate the device 1 hour in advance for mosquitoes and 1.5 hours in advance for flies.

4) Use it night and/or day for 24 hours a day:

- One refill lasts 10 days on medium setting (if used 24 hours a day on medium setting)
- The indicator will tell you it's time to replace the refill to renew anti-mosquito/fly protection. Use only RAID Night&Day refills in the diffuser.

To deactivate product at any time, simply unplug the diffuser from the power outlet.

Press the button to change from "low" to "medium" to "high" to "off". OR

Press the button to change from "low" to "medium" to "high".

Refill will last for ~

- 320 hours on low setting for small rooms approx 16m<sup>3</sup>
- 240 hours on medium setting for medium size rooms approx 20m<sup>3</sup> and
- 160 hours on high, suitable for large rooms, 30m<sup>3</sup>

light = off

1 light = low - 16m<sup>3</sup> rooms

2 light = medium - 20m<sup>3</sup> rooms

3 light = high - 30m<sup>3</sup> rooms

In significantly larger rooms use 2 units.

High ventilation and use of air conditioning may reduce product efficacy.

For optimal efficacy the windows should be closed during use of this product



#### **4.2.2 Use-specific risk mitigation measures**

Please take care that the device is used in the correct setting depending on the size of the room based on potential risks for human health

#### **4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

See general directions for use

#### **4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general directions for use

#### **4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

See general directions for use

### **5. General directions for use**

#### **5.1. Instructions for use**

see Use-specific instruction for use

#### **5.2. Risk mitigation measures**

Tactile Warning of Danger (EN/ISO 11683)

Application should be done in accordance with the instructions for use regarding room size, do not use in a confined area.

If skin contact with refill should occur, wash immediately with soap and water.

Do not allow materials of any kind to cover the device while it is in use.

Do not touch device with metal instruments or wet hands.

Remove or cover terrariums, aquariums and animal cages before application.

Turn off aquarium air-filter during use.

Do not use directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food, feed, drinks and animals. Do not use in kitchens.

Do not store near food, drink and animal feedingstuff.

Contains transfluthrin (pyrethroids), may be lethal to cats. Prevent cats from coming into contact with the treated area.

Keep out of reach of children and pets.

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Transfluthrin may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

#### Description of first aid measures

Inhalation: No special requirements

Skin contact: Take off all contaminated clothing immediately. Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Eye contact: Rinse with plenty of water. Get medical attention if irritation develops and persists.

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

If medical advice is needed, have product container or label at hand.

In case of incident, call a poison centre [*insert national phone number*]

#### Emergency measures to protect the environment

Do not flush into surface water or sanitary sewer system.

### 5.4. Instructions for safe disposal of the product and its packaging

Disposal should be in accordance with local, state or national legislation.

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

This product has a shelf-life of 4 years.

## 6. Other information

The product contains 300 mg pure transfluthrin per unit.