

# Summary of product characteristics for a biocidal product

**Product name:** Transfluthrin Liquid Electric

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

**Authorisation number:**

**R4BP 3 asset reference number:** NL-0018955-0000

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## Administrative information

### 1.1. Trade names of the product

Transfluthrin Liquid Electric
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	SC Johnson Europe Sàrl
	Address	Z.A. la Piece 8 1180 Rolle Switzerland
<b>Authorisation number</b>		
<b>R4BP 3 asset reference number</b>	NL-0018955-0000	
<b>Date of the authorisation</b>	05/02/2021	
<b>Expiry date of the authorisation</b>	05/02/2031	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	SC Johnson Europe Sàrl
<b>Address of the manufacturer</b>	Z.A. la Piece 8 1180 Rolle Switzerland
<b>Location of manufacturing sites</b>	ZOBELE BULGARIA EOOD, Rakovski Municipality, Industrial Zone 2, Striama 4142 District Plovdiv Bulgaria
	COSTER AEROSOL VALF SANAYİ AŞ, Atatürk Bulv. 7. Cad. 41700 Gebze/Kocaeli (İzmit) Turkey
	S.C. Johnson Polska sp. z o.o., ul Kasprzaka 6a 66-400 Gorzow Wlkp Poland

#### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1404 - Transfluthrin
<b>Name of the manufacturer</b>	Bayer SAS, Environmental Science Division
<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, II Phase, GIDC Vapi 396 195 Gujarat 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	0,91
Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics SPC		Non-active substance		920-114-2	94,59
BHT	2,6-di-tert-butyl-p-cresol	Non-active substance	128-37-0	204-881-4	1

### 2.2. Type of formulation

LV - Liquid vaporizer

## 3. Hazard and precautionary statements

<b>Hazard statements</b>	<p>May be fatal if swallowed and enters airways.</p> <p>Very toxic to aquatic life with long lasting effects.</p> <p>Contains citronella oil (consisting of citronella, geraniol, citronellol and limonene). May produce an allergic reaction.</p> <p>Repeated exposure may cause skin dryness or cracking.</p>
<b>Precautionary statements</b>	<p>If medical advice is needed, have product container or label at hand.</p>

Keep out of reach of children.

Wash hands thoroughly after handling.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

Do NOT induce vomiting.

Store locked up.

Dispose of container to in accordance with local/regional/national/international regulations (to be specified)..

Dispose of contents to in accordance with local/regional/national/international regulations (to be specified)..

Avoid release to the environment.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - non-professional - insecticide liquid vaporiser

<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>	<p>Scientific name: Culicidae: Common name: Mosquitoes Development stage: Adults</p> <p>Scientific name: Muscidae: Common name: House fly Development stage: Adults</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Indoor</p>
<b>Application method(s)</b>	<p>Method: Open system: diffusion Detailed description: The product is an electric liquid vaporiser.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 8 or 12 hours at night (for mosquitoes) or during the day (for flies). One vaporiser is suited for rooms of up to 20 m<sup>3</sup> for flies and 30m<sup>3</sup> for mosquitoes. Dilution (%): 0 Number and timing of application: Transfluthrin Liquid Electric is intended to be used for 8 or 12 hours at night (for mosquitoes) or during the day (for flies). Each refill (depending upon the size) will last 30, 40 or 45 nights (for mosquitoes) or days (for flies) when used for 8 hours per night/day or 20, 25 or 30 nights/days when used for 12 hours per night or day. One vaporiser is suited for ventilated rooms of up to 20 m<sup>3</sup> for flies and 30m<sup>3</sup> for mosquitoes.</p>

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

The bottle is made of PET and the cap made of PP Homo-polymer. The refill bottle has a screw fit cap fitted with a child resistant closure, and the bottle/ device are enclosed in a solid fibreboard carton with a tuck flap closure.

Refill packsizes: 21 ml, 31 ml, 33 ml

**4.1.1 Use-specific instructions for use**

See general directions for use

**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

**5. General directions for use**

## 5.1. Instructions for use

CLAIM/Based on 8hr /night or day usage Volume stated on the label

Base Holder	Up to 30nights.days	21ml
Base Holder	Up to 45 nights/days	31ml
Dual Holder	Up to 30 nights/days	21ml
Dual Holder	Up to 45 nights/days	31ml
Advanced Holder	Up to 40nights/days	33ml
Refill	Up to 30nights/days	21ml
Refill	Up to 45nights/days	31ml

CLAIM/Based on 12hr /night or day usage Volume stated on the label

Base Holder	Up to 20 nights/days	21ml
Base Holder	Up to 30 nights/days	31ml
Dual Holder	Up to 20 nights/days	21ml
Dual Holder	Up to 30 nights/days	31ml
Advanced Holder	Up to 25 nights/days	33ml
Refill	Up to 20 nights/days	21ml
Refill	Up to 30 nights/days	31ml

The product consists of a liquid insecticide formulation in a bottle, designed to fit a heater unit. The formulation is drawn up by the heated wick and evaporates at a suitable rate to provide an adequate level of protection against mosquitoes and Flies.

Liquid electric is a liquid that has been developed to eliminate and kill mosquitoes and flies effectively for up to 30, 40 or 45 nights/days (8 hours per night or day and depending on the refill size) or 20,25 or 30 nights/days (12 hours per night of day and depending on the refill size) in a ventilated room.

There are 3 types of heater which can use the same liquid formula refills:

- Base with only one evaporation rate and function mode
- Dual or Adjustable which is similar to the Base heater but the consumer can choose the level of protection as they can slide the power to a low setting or high setting.
- Advanced heater that turns itself On and Off automatically because the heater has a programmable timer that remembers the consumer settings. This type also has three intensity settings low, medium and high .

#### **USE INSTRUCTIONS-BASE:**

Ensure voltage is 230V/local country voltage.

#### **Refill change instructions**

Squeeze and turn to remove the cap from the liquid refill and screw/push the bottle into the heating unit until secure. Avoid touching wick.

Rotate plug to keep bottle in a vertical position.

Plug heater into a power outlet to start anti-mosquito efficacy; a light signals that the product is powered.

To stop the device from working just unplug it.

For optimal efficacy, activate the device 1 hour in advance.

When the refill is used up, unplug the heater before changing the refill.

#### **USE INSTRUCTIONS-DUAL**

Refill change instructions



Squeeze and turn to remove the cap from the liquid refill. Screw the bottle into the heating unit until secure. Avoid touching the wick.

Adjust the heater plug to fit the socket's direction, ensure liquid bottle keeps upright. Connect to power 230V); indicator light will be lit when connected.

Please adjust the 'PowerSlider' / 'PowerControl' according to your mosquito/fly protection needs.

"-" Turn 'down' / Left means the regular insecticide releasing

"+" Turn 'up' / Right means the maximum insecticide releasing

Do not lay the heater on its side.

Use in ventilated places.

To stop the device from working just unplug it.

Unplug the heater after use. There is no need to separate the liquid refill from the heater. When the refill is used up, unplug the heater before changing the refill.

#### **USE INSTRUCTIONS- ADVANCED**

##### **Refill change instructions**

1. Squeeze and turn to remove the cap from the liquid refill. Avoid touching wick.

2. Screw the bottle into the heating unit until secure. Adjust the heater plug to fit the socket's direction, ensure liquid bottle is kept upright.

3. Do not lay the heater on its side.

Use in ventilated places.

To stop the heater from working, just unplug it or push the Intensity level button until no LED is on.

##### **Programming instructions**

This heater has two setting controls : Time setting and Intensity setting.

Time setting is on the right (slider) and Intensity setting is on the left.

##### **To set the hours of protection**

Choose the hours of protection (8 or 12 hrs) moving the right slider to the desired position. Plug in the heater at the time of night you want it to start working and the heater will be programmed. It will begin to work automatically at that very same time and duration, day after day. Important: the 8 or 12 hours will start from the moment the heater is plugged into the wall.

Time setting = 8 hours

Hours product will work= 8 continuous hours

Hours product will turn Off= 16 continuous hours

Example of setting:-

Product is plugged at 5 PM.

Will work until 1 AM next morning

Will turn OFF from 1 AM to 5 PM.

Will turn ON automatically at 5 PM again.

Will run same schedule every day.

Time setting = 12 hours

Hours product will work= 12 continuous hours

Hours product will turn Off= 12 continuous hours

Example of setting:-

Product is plugged at 9 PM.

Will work until 9 AM next morning

Will turn OFF from 9 AM to 9 PM.

Will turn ON automatically at 9 PM again.

Will run under same schedule every day.

To reset the hours, unplug the heater, set the time and plug it again. Time will start counting again.

When set in [Continuous] setting the heater will continue to be On until it gets unplugged.

##### **To set the intensity modes**

You can choose from 3 different intensity modes of protection: Low, Medium, High. To select, push the left button, different LED light will be light up for each setting

In case of electricity outage, Raid Liquid Electric Advanced will default to Low intensity level.

Low, Left LED

When to use it: limited mosquito/fly occurrence.

This setting quickly eliminates mosquitoes and automatically returns to a Low setting. It works at maximum for 1 hour and then goes to basic level.

Medium, Central LED

When to use it: In case of mosquito/fly occurrence along the night/day.

For high protection at the beginning which eventually goes down during the night. It adjusts automatically throughout the night.

Works at maximum level for 4 hours, goes to intermediate level for 3 hours and then goes to basic level.

High, Right LED

When to use it: For use in case of continuous intense mosquito/fly occurrence. This setting works continuously at maximum level

These intensity modes will last according to the time selected on the Time setting.

You can also turn the heater OFF by pressing a fourth time (No LEDs On) the Intensity button.

**In case of electricity outage, Liquid Electric Advanced will default to Low intensity level.**

**TO ENSURE BEST EFFICACY [This will be included on all the heaters (Base heater, dual heater and Advanced Heater) +refill (This is called the starter pack) and also on the refill only pack]**

Please use (Raid), (Baygon), (Biolit) and (Pyrel) liquid refill together with the same branded liquid heater , because appliances from different brands may generate different heater temperatures.  
When used for the first time, please pre-heat up for one hour.  
Place the liquid heater in the wind direction toward the sleeper.

## 5.2. Risk mitigation measures

Keep out of reach of children  
Do not use in a confined area.  
Retain the outer carton for full use and safety instructions.  
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.  
Store away from food, beverages and pet food.  
Do not use in kitchens  
Unplug when the bottle is empty, replace the bottle only when device is unplugged.  
Do not touch the wick

[All products sold with the electrical diffuser device will be labelled in accordance with EN Standard 60335 (most up-to-date amendments). Currently this text is:

**IMPORTANT SAFETY INSTRUCTIONS:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. For safe use, plug only into properly functioning wall outlets where device is ventilated and cannot contact bed covering or other material. Do not immerse in water.  
[www.scjproducts.info](http://www.scjproducts.info)

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

Inhalation: Get medical attention immediately.

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

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

Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Keep out of reach of children.

Wash hands thoroughly after handling.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

Do NOT induce vomiting.

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

Do not discharge the biocidal product nor spills and residues containing the product into the sewage system or the environment.  
At the end of the treatment, dispose unused product and the packaging in accordance with local requirements.

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

Keep out of the reach of children.  
Store locked up.  
Protect from direct sunlight. Do not store above 40°C.  
This product has a predicted shelf-life of 4 years.

#### **6. Other information**

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