

# Summary of product characteristics for a biocidal product

**Product name:** Insect Repellent Pump Spray Lice IR3535 20%

**Product type(s):** PT19 - Repellents and attractants (Pest control)

**Authorisation number:** KY-0104

**R4BP 3 asset reference number:** CY-0018084-0000

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## Administrative information

### 1.1. Trade names of the product

Insect Repellent Pump Spray Lice IR3535 20%
PHARMASEPT X-Lice Cologne

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	PHARMASEPT LTD
	Address	141st Hadjikirakou Ave. 18539 Piraeus Greece
<b>Authorisation number</b>	KY-0104	
<b>R4BP 3 asset reference number</b>	CY-0018084-0000	
<b>Date of the authorisation</b>	18/10/2017	
<b>Expiry date of the authorisation</b>	06/04/2027	

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

<b>Name of the manufacturer</b>	PHARMASEPT LTD
<b>Address of the manufacturer</b>	141st Hadjikirakou Ave. 18539 Piraeus Greece
<b>Location of manufacturing sites</b>	Elaionas Thebes - Location Kalypaki 32200 Thebes Greece

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

<b>Active substance</b>	1320 - Ethyl butylacetylaminopropionate
<b>Name of the manufacturer</b>	Merck S.L.U.
<b>Address of the manufacturer</b>	Calle Maria de Molina, 40 28006 Madrid Spain
<b>Location of manufacturing sites</b>	Polígono Merck 08100 Mollet del Vallés, Barcelona Spain
<b>Active substance</b>	1320 - Ethyl butylacetylaminopropionate
<b>Name of the manufacturer</b>	Merck KGaA
<b>Address of the manufacturer</b>	Frankfurter Straße 250 64293 Darmstadt Germany
<b>Location of manufacturing sites</b>	Polígono Merck 08100 Mollet del Vallés, Barcelona Spain

## 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 (%)
Ethyl butylacetylaminopropionate		Active Substance	52304-36-6	257-835-0	20
ethanol			64-17-5	200-578-6	35
denatonium benzoate	N-benzyl-2-[(2,6-dimethylphenyl)amino]-N,N-diethyl-2-oxoethanaminium benzoate hydrate		3734-33-6	223-095-2	0,0088
water	water		7732-18-5	231-791-2	31,5
polyglycol	Not applicable, ingredient is a UVCB substance		25322-68-3	500-038-2	4
polyglycol	Not applicable, ingredient is a UVCB substance		25322-68-3	500-038-2	5
polysorbate	2-[2-[3,4-bis(2-hydroxyethoxy)oxolan-2-yl]-2-(2-hydroxyethoxy)ethoxy]eth		9005-64-5	500-018-3	1,5
Polyoxypropylene monostearyl ether	1-octadecoxypropan-2-ol		25231-21-4		3

## 2.2. Type of formulation

AL - Any other liquid

## 3. Hazard and precautionary statements

### Hazard statements

Flammable liquid and vapour.

Causes serious eye irritation.

### Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Application 1 - Lice repellent

### Product type

PT19 - Repellents and attractants (Pest control)

### Where relevant, an exact description of the authorised use

Evenly apply the product to the hair and take care to also treat the nape of the neck and behind the ear. For a single application of Insect Repellent Pump Spray 20 % IR3535®, 0.5 g product per application which is equivalent to 100 mg a.s. / application) is sufficient to treat the hair after having used a pediculicide. The application must be repeated after washing the hair. The biocidal product should only be applied by adults to children under 10 years.

### Target organism(s) (including development stage)

Scientific name: Pediculidae;  
Common name: Human head louse  
Development stage: Adults

### Field(s) of use

Indoor

Well ventilated areas

### Application method(s)

Spraying -

The ready to use product is a pump spray which is sprayed directly onto the hair.

### Application rate(s) and frequencies

0.5 mL - 100 -

Insect Repellent Pump Spray Lice IR3535® 20 % is intended to be used to prevent reinfestation with lice after a pediculicide treatment. It is usually applied once a day. The application must be repeated after washing of the hair.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

Bottle - Plastic: HDPE - > 25.0 - < 250.0 mL

**4.1.1 Use-specific instructions for use**

Spray the product evenly onto the hair taking care to also treat the nape of the neck and hair behind the ears. Reapply the product after having washed the hair. An adult should apply the product to children below 10 years of age. Synthetic materials should be protected during spraying and the compatibility with textiles should be tested on a non visible part of clothes before use.

**4.1.2 Use-specific risk mitigation measures**

Use in well-ventilated areas.

**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**

After inhalation: fresh air.

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

After eye contact: rinse out with plenty of water. Call in ophthalmologist. After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

Most important symptoms and effects, both acute and delayed: irritant effects

Indication of any immediate medical attention and special treatment needed: No information available

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation.

Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental precautions Do not let product enter drains. Risk of explosion. Methods and material for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up with liquid-absorbent and neutralising material (e.g. Chemizorb® H, Merck Art. No. 101595). Dispose of properly. Clean up affected area.

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

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

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

Storage conditions: Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Recommended storage temperature see product label.

Advice on safe handling: Observe label precautions.

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures: Change contaminated clothing. Wash hands after working with substance.

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye/face protection Safety glasses

Hand protection required

Other protective equipment: Flame retardant antistatic protective clothing.

Respiratory protection required when vapours/aerosols are generated. Recommended Filter type: filter ABEK The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Environmental exposure controls Do not let product enter drains. Risk of explosion.

## 5. General directions for use

### 5.1. Instructions for use

Evenly apply the product to the hair and take care to also treat the nape of the neck and behind the ear. For a single application of Insect Repellent Pump Spray 20 % IR3535®, 0.5 g product per application which is equivalent to 100 mg a.s. / application) is sufficient to treat the hair after having used a pediculicide. The application must be repeated after washing the hair. The biocidal product should only be applied by adults to children under 10 years.

### 5.2. Risk mitigation measures

Do not apply the product to the hands of children. Use in well-ventilated areas. Do not spray into the face.

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

Causes serious eye irritation. After inhalation: fresh air. In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. After eye contact: rinse out with plenty of water. Call in ophthalmologist. After swallowing: immediately make victim drink water (two glasses at most). Consult a physician. Most important symptoms and effects, both acute and delayed: irritant effects. Indication of any immediate medical attention and special treatment needed: No information available. Personal precautions, protective equipment and emergency procedures. Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. Environmental precautions. Do not let product enter drains. Risk of explosion. Methods and material for containment and cleaning up. Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up with liquid-absorbent and neutralising material (e.g. Chemizorb® H, Merck Art. No. 101595). Dispose of properly. Clean up affected area.

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

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

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

Storage conditions: Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Recommended storage temperature see product label.

Shelf-life: at least 2 years

## 6. Other information

Merck KGaA is not a formulator of biocidal products. Merck KGaA holds data for reference formulations and authorises these formulations. Merck KGaA clients that actually produce these formulations can make reference to this authorisation and apply for same products authorisation.

From the risk assessments in the present dossier, it is concluded that the product can be used without concern one time per day in adults, children as well as infants. To children and infants, the product should only be applied by adults. Use only in well-ventilated areas and avoid breathing spray.