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ANNEX

**SUMMARY OF PRODUCT CHARACTERISTICS
FOR A BIOCIDAL PRODUCT FAMILY**

Transfluthrin

Product type(s)

PT18: Insecticides, acaricides and products to control other arthropods

Authorisation number IE/BPA 70460

R4BP asset number IE-0021381-0000

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Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Transfluthrin
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1.2. Product type(s)

Product type(s)	PT18: Insecticides, acaricides and products to control other arthropods
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	SmarTec Solutions Sarl
	Address	13 Chemin des Tresans 1295 Mies Switzerland
Authorisation number	IE/BPA 70460	
<i>R4BP asset number</i>	IE-0021381-0000	
Date of the authorisation	22/08/2019	
Expiry date of the authorisation	21/08/2029	

1.4. Manufacturer(s) of the product

Name of manufacturer	Schmid Druck & Medien GmbH & Co KG
Address of manufacturer	Gewerbepark 5 86687 Kaisheim Germany
Location of manufacturing sites	Gewerbepark 5 86687 Kaisheim Germany

Name of manufacturer	Dongguan Ryelight Daily Chemicals Co Ltd
Address of manufacturer	Kou Men Jai Industrial Estates II Humen Town, Guangdong Province 523898 Dongguan City China
Location of manufacturing sites	Kou men Jai Industrial Estates II Humen Town, Guangdong Province 523898 Dongguan City China

1.5. Manufacturer(s) of the active substance(s)

Active substance	Transfluthrin
Name of manufacturer	Bayer CropScience AG
Address of manufacturer	Alred-Nobel-Str. 50 40789 Monheim am Rhein Germany
Location of manufacturing sites	Bayer Vapi Private Limited, Plot # 306/3, II Phase, GIDC, Vapi 396 195 Gujarat India

2. PRODUCT FAMILY COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	1,05 - 100 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	MV Vaporizing mats VP Vapour releasing product Hanger cover
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Part II.
SECOND INFORMATION LEVEL - META SPC(S)

1. META SPC 1 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 1 identifier

Identifier	Meta SPC: meta SPC 1
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1.2. Suffix to the authorisation number

Number	1-1
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1.3. Product type(s)

Product type(s)	PT18: Insecticides, acaricides and products to control other arthropods
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2. META SPC 1 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	100 - 100 % (w/w)

2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	VP Vapour releasing product
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	H302: Harmful if swallowed. H315: Causes skin irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read carefully and follow all instructions. P264: Wash hands thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P273: Avoid release to the environment. P301+P312: IF SWALLOWED: Call a POISON CENTER if you feel unwell. P302+P352: IF ON SKIN: Wash with plenty of water. P321: Specific treatment (see ... on this label). P330: Rinse mouth. P332+P313: If skin irritation occurs: Get medical advice. P362+P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage. P501: Dispose of contents to be in accordance with local regulation.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Non-professional use

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Insecticide for non-professional use against moths and carpet beetles in domestic premises.
Target organism(s) (including development stage)	Scientific name: <i>Tineola bisselliella</i> Common name: cloth moth Development stage: adult, larvae, eggs Scientific name: <i>Anthrenus</i> spp. Common name: Carpet beetles Development stage: larvae
Field(s) of use	indoor use IV.1 Indoor use
Application method(s)	Method: closed system Detailed description: Place product in cupboards, wardrobes or drawers dependent on product and species to be controlled.
Application rate(s) and frequency	Application Rate: 25 mg transfluthrin per 0.5 m ³ . Dilution (%): 0 Number and timing of application: The application rate for meta SPC 1 is 25 mg transfluthrin per 0.5 m ³ . 1 long strip containing 10 pieces. 1 strip (50mg transfluthrin) to treat 1m ³ of closet volume. To use in dresser drawers the long strip can be cut along fold lines into 10 equal sized pieces. Then place 2 pieces per dresser drawer, on top of clothes. For hanger products, 'u-shaped' cover (25 mg transfluthrin) to be placed over a hanger. Product to be used as and when required.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	Moth killer paper products: two cellulose paper strips per packet with each strip containing 50 mg transfluthrin. Active hanger cover products: two 'u-shaped' covers per packet with each cover containing 25 mg transfluthrin.

4.1.1. Use-specific instructions for use

- Always read the label or leaflet before use and follow all the instructions provided.
- If the infestation persists, contact a professional pest control operators.
- The area being treated should be opened and/or kept open as little as possible in order to maintain a high enough concentration of the active substance vapour to be efficacious.
- Place product in cupboards, wardrobes, or drawers dependent on product and species to be controlled.
- Kills carpet beetle larvae.
- Lasts up to 6 months.
- Kills clothes moths.
- Kills clothing moths and larvae for up to 6 months.
- Protects clothes for up to 6 months.

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- Kills eggs for up to 6 months.

4.1.2. Use-specific risk mitigation measures

- For non-professional use.
- Avoid contact with skin and eyes.
- Do not contaminate food stuffs, eating utensils or food contact surfaces.
- Keep away from food, drink & animal feeding stuffs.
- Indoor use only.
- Do not use in places where food is stored.
- Do not store part used mats.
- Keep out of reach of children.
- Use only in areas inaccessible to children and animals, in particular cats.
- Wash hands thoroughly after handling.
- The product should be applied only two times a year.

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

- To avoid risks to man and the environment comply with the instructions for use.
- Likely direct or indirect adverse effects: Eyes and skin irritation.
- IF ON SKIN: wash with plenty of soap and water.
- IF SKIN irritation occurs: Get medical advice/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 advice/attention.
- Ingestion: give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take the safety data sheet or the label from the product with you.
- Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat. UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice.
- Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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

- This material and its container must be disposed of in a safe way.
- Dispose of contents/container in accordance with local regulation.

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

- Store in a cool, well ventilated area.
- Must only be kept in original packaging.
- Keep in a safe place.
- Shelf life: 3 years.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

See authorised uses.

5.2. Risk mitigation measures

See authorised uses.

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

See authorised uses.

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

See authorised uses.

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

See authorised uses.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Zero In Multi Hook Clothes Moth Killer (Not marketed)	Market area: IE
Authorisation number	IE-0021381-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	100

7.2. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Zero In Moth killer Strips	Market area: IE
	Rentokil Clothes Moth Killer Papers	Market area: IE
	Moth Stop! Moth Papers	Market area: IE
Authorisation number	IE-0021381-0002 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	100

1. META SPC 2 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 2 identifier

Identifier	Meta SPC: meta SPC 2
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1.2. Suffix to the authorisation number

Number	1-2
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1.3. Product type(s)

Product type(s)	PT18: Insecticides, acaricides and products to control other arthropods
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2. META SPC 2 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	7,41 - 7,41 % (w/w)

2.2. Type(s) of formulation of the meta SPC 2

Formulation type(s)	VP Vapour releasing product
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

Hazard statements	H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read carefully and follow all instructions. P264: Wash hands thoroughly after handling. P273: Avoid release to the environment. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice. P391: Collect spillage. P501: Dispose of contents to be in accordance with local regulation.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Non-professional use

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Insecticide for non-professional use against moths in domestic premises.
Target organism(s) (including development stage)	Scientific name: <i>Tineola bisselliella</i> Common name: cloth moth Development stage: larvae, adults
Field(s) of use	indoor use IV.1 Indoor use
Application method(s)	Method: closed system Detailed description: Place products in cupboards, wardrobes or drawers
Application rate(s) and frequency	Application Rate: 25 mg transfluthrin per 0.5 m ³ Dilution (%): 0% Number and timing of application: The application rate for meta SPC 2 is 25 mg transfluthrin per 0.5 m ³ . 1 cassette (containing 25mg transfluthrin) to treat 0.5m ³ of closet volume. Product to be used as and when required.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	One cellulose mat in plastic (polyamide) cassette/cage per packet.

4.1.1. Use-specific instructions for use

- Always read the label or leaflet before use and follow all the instructions provided.
- If the infestation persists, contact a professional pest control operators.
- The area being treated should be opened and/or kept open as little as possible in order to maintain a high enough concentration of the active substance vapour to be efficacious.
- Place product in cupboards, wardrobes or drawers.
- Kills clothes moths for up to 6 months.
- Kills moth larvae hatching for up to 6 months.
- Product kills moths and their larvae which are known to damage fabrics.
- A minimum pre-conditioning period of 2-3 weeks is needed.

4.1.2. Use-specific risk mitigation measures

- For non-professional use.
- Avoid contact with skin and eyes.
- Do not contaminate food stuffs, eating utensils or food contact surfaces.
- Keep away from food, drink & animal feeding stuffs.
- Indoor use only.
- Do not use in places where food is stored.
- Do not store part used mats.
- Keep out of reach of children.
- Use only in areas inaccessible to children and animals, in particular cats.
- Wash hands thoroughly after handling.

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- The product should be applied only two times a year.

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

- To avoid risks to man and the environment comply with the instructions for use.
- Likely direct or indirect adverse effects: Eyes and skin irritation.
- IF ON SKIN: wash with plenty of soap and water.
- IF SKIN irritation occurs: Get medical advice/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 advice/attention.
- Ingestion: give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take the safety data sheet or the label from the product with you.
- Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat. UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice.
- Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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

- This material and its container must be disposed of in a safe way.
- Dispose of contents/container in accordance with local regulation.

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

- Store in a cool, well ventilated area.
- Must only be kept in original packaging.
- Keep in a safe place.
- Shelf life: 2 years.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2

5.1. Instructions for use

See authorised uses.

5.2. Risk mitigation measures

See authorised uses.

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

See authorised uses.

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

See authorised uses.

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

See authorised uses.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Rentokil Moth Killer Cassette	Market area: IE
Authorisation number	IE-0021381-0003 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	7,41

1. META SPC 3 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 3 identifier

Identifier	Meta SPC: meta SPC 3
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1.2. Suffix to the authorisation number

Number	1-3
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1.3. Product type(s)

Product type(s)	PT18: Insecticides, acaricides and products to control other arthropods
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2. META SPC 3 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	1,05 - 1,05 % (w/w)

2.2. Type(s) of formulation of the meta SPC 3

Formulation type(s)	VP Vapour releasing product
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

Hazard statements	H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read carefully and follow all instructions. P264: Wash hands thoroughly after handling. P273: Avoid release to the environment. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice. P391: Collect spillage. P501: Dispose of contents to be in accordance with local regulation.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Non-professional use

Product type	PT18: Insecticides, acaricides and products to control other arthropods
Where relevant, an exact description of the authorised use	Insecticide for non-professional use against moths in domestic premises.
Target organism(s) (including development stage)	Scientific name: <i>Tineola bisselliella</i> Common name: cloth moth Development stage: eggs, adults
Field(s) of use	indoor use IV.1 Indoor use
Application method(s)	Method: closed system Detailed description: Place products in cupboards, wardrobes or drawers
Application rate(s) and frequency	Application Rate: 30 mg transfluthrin per 0.5 m ³ Dilution (%): 0% Number and timing of application: The application rate for meta SPC 3 is 30 mg transfluthrin per 0.5 m ³ . 2 hangers (each containing 15 mg transfluthrin = 30 mg) to treat 0.5 m ³ of closet volume. Product to be used as and when required.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	Two cardboard hangers impregnated with 7.5 mg transfluthrin each.

4.1.1. Use-specific instructions for use

- Always read the label or leaflet before use and follow all the instructions provided.
- If the infestation persists, contact a professional pest control operators.
- The area being treated should be opened and/or kept open as little as possible in order to maintain a high enough concentration of the active substance vapour to be efficacious.
- Place product in cupboards, wardrobes or drawers.
- Kills clothes moths for up to 3 months.
- Prevents moth larvae hatching for up to 3 months.
- Kills eggs for up to 3 months.

4.1.2. Use-specific risk mitigation measures

- For non-professional use.
- Avoid contact with skin and eyes.
- Do not contaminate food stuffs, eating utensils or food contact surfaces.
- Keep away from food, drink & animal feeding stuffs.
- Indoor use only.
- Do not use in places where food is stored.
- Do not store part used mats.
- Keep out of reach of children.
- Use only in areas inaccessible to children and animals, in particular cats.
- Wash hands thoroughly after handling.

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- The product should be applied only four times a year.

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

- To avoid risks to man and the environment comply with the instructions for use.
- Likely direct or indirect adverse effects: Eyes and skin irritation.
- IF ON SKIN: wash with plenty of soap and water.
- IF SKIN irritation occurs: Get medical advice/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 advice/attention.
- Ingestion: give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take the safety data sheet or the label from the product with you.
- Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat. UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice.
- Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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

- This material and its container must be disposed of in a safe way.
- Dispose of contents/container in accordance with local regulation.

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

- Store in a cool, well ventilated area.
- Must only be kept in original packaging.
- Keep in a safe place.
- Shelf life: 3 years.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3

5.1. Instructions for use

See authorised uses.

5.2. Risk mitigation measures

See authorised uses.

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

See authorised uses.

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

See authorised uses.

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

See authorised uses.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Not marketed	Market area: IE
Authorisation number	IE-0021381-0004 1-3	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Transfluthrin		active substance	118712-89-3	405-060-5	1,05