

Summary of product characteristics for a biocidal product

Product name: Konservan P 40

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

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

Authorisation number: (10-14 17.5 Mr)BPR-545(A-18PAP1054447-23-279)

R4BP 3 asset reference number: LT-0032016-0000

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	1
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	7
5.1. Instructions for use	7
5.2. Risk mitigation measures	7
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	7
5.4. Instructions for safe disposal of the product and its packaging	8
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	8
6. Other information	8

Administrative information

1.1. Trade names of the product

Konservan P 40
Bematin Per 40

1.2. Authorisation holder

Name and address of the authorisation holder	Name	THOR GmbH
	Address	Landwehrstrasse 1 D-67346 Speyer Germany
Authorisation number	(10-14 17.5 Mr)BPR-545(A-18PAP1054447-23-279)	
R4BP 3 asset reference number	LT-0032016-0000	
Date of the authorisation	18/12/2023	
Expiry date of the authorisation	10/08/2032	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Thor France SARL
Address of the manufacturer	325, rue des Balmes CS 50041 SALAISE SUR SANNE France
Location of manufacturing sites	325, rue des Balmes CS 50041 SALAISE SUR SANNE France

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

Active substance	1342 - Permethrin
Name of the manufacturer	Lanxess Deutschland GmbH
Address of the manufacturer	Kennedyplatz 1 50569 Köln Germany
Location of manufacturing sites	Bayer Vapi Private Limited Plot # 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 (%)
Permethrin		Active Substance	52645-53-1	258-067-9	40
Castor oil ethoxylated, Ricinus oil ethoxylate		Non-active substance	61791-12-6	500-151-7	45,1
Diethylene glycol monoethyl ether		Non-active substance	111-90-0	203-919-7	9,2
Fatty acids, vegetable-oil, Me esters		Non-active substance	68990-52-3	273-606-8	5,7

2.2. Type of formulation

EC - Emulsifiable concentrate

3. Hazard and precautionary statements

Hazard statements	Harmful if swallowed.Harmful if inhaled. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.
Precautionary statements	Avoid release to the environment. Wear protective gloves. IF ON SKIN:Wash with plenty of

If skin irritation or rash occurs: Get medical advice.

Collect spillage.

Dispose of contents to an approved waste disposal plan.

4. Authorised use(s)

4.1 Use description

Use 1 - Vector protection finishes of textiles

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	<p>Insecticide vector protection finishes of textiles.</p> <p>Indoor and outdoor use of the treated article.</p> <p>The product is intended to stay on the surface of the treated article (textile). No significant release to the surface water or soil caused by use of the treated article expected.</p>
Target organism(s) (including development stage)	<p>Scientific name: Ixodidae: Common name: Ixodes ricinus Development stage: Nymphs</p> <p>Scientific name: Insecta: Common name: Aedes mosquitoes Development stage: Adults</p> <p>Scientific name: Insecta: Common name: Anopheles mosquitoes Development stage: Adults</p> <p>Scientific name: Ixodidae: Common name: Hyalomma marginatum Development stage: Adults</p>
Field(s) of use	<p>Indoor</p> <p>Indoor application of the biocidal product with insecticide active component for washfast vector protection finishes of textiles. Typical articles are tropical uniforms (armed forces), workwear (forest workers), hunting clothes, trekking clothing.</p>
Application method(s)	<p>Method: Open system: immersion Detailed description: Pre-emulsify with cold water (1:1), stir until a homogeneous milky-turbid emulsion is formed.</p> <p>Application on the fabric by padding or foam coating. Dosing installation: automatically adding the biocidal product into the processing vessel. Filling, mixing by use of a dosage pump.</p> <p>Waste disposal of the empty container.</p>
Application rate(s) and frequencies	<p>Application Rate: 9.8-73.2 g/L (necessary use concentration is dependent on the fabric weight and liquor pick-up, for military use e.g. 29.3 g/L)</p>

	<p>Dilution (%): 50 Number and timing of application: Automatically adding the product to the bath for the padding process: once a day handling 75 mg product; 10 minutes/task.</p> <p>Final concentration on the textile 1,300 ± 300 mg Permethrin/m².</p>
Category(ies) of users	Industrial
Pack sizes and packaging material	<p>Jerry can - Plastic: HDPE - 25 kg</p> <p>IBC (intermediate bulk container) - Plastic: HDPE - 1000 kg</p> <p>IBC (intermediate bulk container) - Plastic: HDPE - 1054 kg</p> <p>Jerry can - Plastic: HDPE - 20 kg</p> <p>Jerry can - Plastic: HDPE - 30 kg</p>

4.1.1 Use-specific instructions for use

Dosing installation: automatically adding the biocidal product into the processing vessel.
The product is intended to stay on the surface of the treated article (textile). Indoor and outdoor use of the treated article.

Indoor application of the biocidal product with insecticide active component for washfast vector protection finishes of textiles.

Typical articles are tropical uniforms (armed forces), workwear (forest workers), hunting clothes, trekking clothing.

4.1.2 Use-specific risk mitigation measures

Personal protective equipment as outlined in the Safety Data Sheet.
Soak up with inert absorbent material. Clean contaminated floors and objects thoroughly while observing environmental regulations.

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

Take off contaminated clothing and shoes immediately. In case of allergic symptoms consult a doctor immediately.
If inhaled move to fresh air. Call a physician immediately.
In case of skin contact wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
In case of eye contact rinse immediately with plenty of water and seek medical advice.
If swallowed, rinse mouth with water. Do not induce vomiting. Call a physician immediately.
If ingested, irrigate stomach using activated charcoal in addition.

Residual liquors containing Konservan P 40 / Bematin Per 40 may not get into the environment. They have to be disposed of as hazardous waste.

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

Dispose of in accordance with local regulations.

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

Stored under normal conditions and in closed drums, the product will be stable for one year.
The product is sensitive to frost, when being exposed to temperatures considerably below the freezing point irreversible changes will result.
Ensure good exhaust ventilation at the workplace. It is preferable to handle the product in a closed system.
Avoid air pollution at the workplace e.g. aerosol formation or product heating.
Load carefully, avoid splashes.
Store away from foodstuffs.
Keep container tightly sealed.
Prevent release to the environment by adequate secondary containment design and use of appropriate spill control procedures.
Maximum storage temperature 40°C. Protect from frost.

4.2 Use description

Use 2 - Wool protection

Product type

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

Where relevant, an exact description of the authorised use

Wool protection against textile-attacking insects (including fur and fabric attacking insects)

Target organism(s) (including development stage)

Scientific name: Tineidae:
Common name: Tineola bisselliella
Development stage: Larvae

Scientific name: Anthrenus flavipes
Common name: Carpet beetle
Development stage: Larvae

Scientific name: Attagenus spec.
Common name: Fur beetle
Development stage: Larvae

Scientific name: Hofmannophila pseudospretella
Common name: False cloth moth
Development stage: Larvae

Field(s) of use

Indoor

Indoor application of the biocidal product with insecticide active component for controlling keratin feeding textile pests. Application: Wool textile fibres for use in the manufacturing of carpets/rugs. The wool and the other keratin fibres are used for apparel, home textiles, carpets, insulating material.

Application method(s)

Method: Open system: foam application

Detailed description:

The biocidal product may be applied according to the exhaust method on wool flock, yarns or woven material.

The requested amount of the biocidal product is added to the dyeing bath with the other auxiliaries. This method ensures an even distribution of the product on the fibre.

If wool is to be treated separately, it is then recommended to apply the biocidal product at 70°C, at a pH of 4.0 to 5.0 with acetic acid or formic acid during 30-40 min.

The biocidal product may also be applied prior to or during spinning. To ensure full effect the yarns must be steamed for 10 min at 105°C.

The application takes place during the dyeing process in most of the cases - or in some special cases (white or natural coloured wool) in an extra application step at 70°C. - After moth proof finishing a softener will be applied. The following steps will be

	mechanical ones - depending on the material - yarns go to weaving or knitting, woven or knitted fabrics to cutting and sewing.
Application rate(s) and frequencies	<p>Application Rate: 0.2 % (w/w) on all the mentioned materials / textiles Dilution (%): 20 Number and timing of application: The application rate is from 0.03% up to 0.08% on pure wool - depending on the needed protection level and 0.05% to 0.13% on wool/PA blends - also depending on the needed protection level. Up to 0.2 % (w/w) on all the mentioned materials / textiles.</p> <p>The application amount is up to 0.06 % related to the weight of the textile. Amounts to be used to obtain protection against: Tineola bisselliella: 0.03% Tineola bisselliella + Hofmannophila pseudospretella: 0.03% Tineola bisselliella + Anthrenus flavipes: 0.06%</p>
Category(ies) of users	Industrial
Pack sizes and packaging material	<p>Jerry can - Plastic: HDPE - 20 kg</p> <p>IBC (intermediate bulk container) - Plastic: HDPE - 1000 kg</p> <p>Jerry can - Plastic: HDPE - 25 kg</p> <p>Jerry can - Plastic: HDPE - 30 kg</p>

4.2.1 Use-specific instructions for use

<p>Dosing installation: automatically adding the biocidal product into the processing vessel.</p> <p>The product is intended to stay on the surface of the treated article (treated fabric fibers used for manufacturing of e.g. carpets).</p> <p>Indoor use of the treated article.</p> <p>Indoor application of the biocidal product with insecticide active component for controlling keratin feeding textile pests.</p> <p>Application: Wool textile fibres for use in the manufacturing of carpets/rugs.</p> <p>The wool and the other keratin fibres are used for apparel, home textiles, carpets, insulating material.</p>

4.2.2 Use-specific risk mitigation measures

<p>Use personal protective equipment as outlined in the Safety Data Sheet. Soak up with inert absorbent material. Clean contaminated fillers and objects thoroughly while observing environmental regulations.</p>

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

<p>Take off contaminated clothing and shoes immediately. In case of allergic symptoms consult a doctor immediately. If inhaled move to fresh air. Call a physician immediately. In case of skin contact wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. In case of eye contact, rinse immediately with plenty of water and seek medical advice.</p>

If swallowed, rinse mouth with water. Do not induce vomiting. Call a physician immediately.
If ingested, irritate stomach using activated charcoal in addition.
Residual liquids containing Koservan P 40 / Bematin Per 40 may not get into the environment. They have to be disposed of as hazardous waste.

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

Dispose of in accordance with local regulations.

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

Stored under normal conditions and in closed drums, the product will be stable for one year.
The product is sensitive to frost: when being exposed to temperatures considerably below the freezing point irreversible changes will result.
Ensure good exhaust ventilation at the workplace.
It is preferable to handle the product in a closed system.
Avoid air pollution at the workplace e.g. aerosol formation or product heating.
Load carefully, avoid splashes.
Store away from foodstuffs. Keep container tightly sealed.
Prevent release to the environment by adequate secondary containment design and use of appropriate spill control procedures.
Maximum storage temperature: 40°C. Protect from frost.

5. General directions for use

5.1. Instructions for use

The product may be used as a vector protection finish of textiles (e.g. cotton, synthetic materials) of which e.g. clothes are to be made.
It prevents insects (mosquitoes) and ticks from attacking the human wearing the clothes.

5.2. Risk mitigation measures

Use personal protective equipment.
The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
Pay attention to local or official regulations.
Soak up with inert absorbent material. Clean contaminated floors and objects thoroughly while observing environmental regulations.

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

Obtain special instructions from poison information center.
Personal protection for the first aider.

Take off contaminated clothing and shoes immediately. In case of allergic symptoms consult a doctor immediately.
In inhaled move to fresh air. Call a physician immediately.
In case of skin contact wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
In case of eye contact, rinse immediately with plenty of water and seek medical advice.
If swallowed, rinse mouth with water. Do not induce vomiting. Call a physician immediately.
If ingested, irrigate stomach using activated charcoal in addition.

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

Dispose of in accordance with local regulations.

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

Stored under normal conditions and in closed drums, the product will be stable for one year.
The product is sensitive to frost; when being exposed to temperatures considerably below the freezing point irreversible changes will result.
Ensure good exhaust ventilation at the workplace.
It is preferable to handle the product in a closed system.
Avoid air pollution at the workplace e.g. aerosol formation or product heating.
Load carefully, avoid splashes.
Store away from foodstuffs.
Keep container tightly sealed.
Prevent release to the environment by adequate secondary containment design and use of appropriate spill control procedures.
Maximum storage temperature 40°C. Protect from frost.

6. Other information