

Summary of product characteristics for a biocidal product

Product name: ACTIPASTA-BROD

Product type(s): PT14 - Rodenticides (Pest control)

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Authorisation number: IT/2014/00235/AUT

R4BP 3 asset reference number: IT-0006661-0000

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Administrative information

1.1. Trade names of the product

VARAT PASTA

1.2. Authorisation holder

Name and address of the authorisation holder	Name	INDUSTRIALCHIMICA SRL
	Address	Via Sorgaglia 40 35020 Arre Italy
Authorisation number	IT/2014/00235/AUT	
R4BP 3 asset reference number	IT-0006661-0000	
Date of the authorisation	25/07/2014	
Expiry date of the authorisation	31/08/2020	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Industrialchimica S.r.l.
Address of the manufacturer	Via Sorgaglia 40 35020 Arre (PD) Italy
Location of manufacturing sites	Via Sorgaglia 40 35020 Arre (PD) Italy

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

Active substance	11 - Brodifacoum
Name of the manufacturer	ACTIVA S.r.l / Dr. Tezza S.r.l.
Address of the manufacturer	Via Feltre 32 20132 Milano Italy
Location of manufacturing sites	Via Tre Ponti 22 37050 S. Maria di Zevio (VR) Italy

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 (%)
Brodifacoum	3-[3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl]-4-hydroxycoumarin	Active Substance	56073-10-0	259-980-5	0.005
Denatonium benzoate	Benzyldiethyl(2,6-xylylcarbamoymethyl) ammonium benzoate		3734-33-6	223-095-2	0.001

2.2. Type of formulation

RB - Bait (ready for use)

3. Hazard and precautionary statements

Hazard statements

Precautionary statements

Keep out of reach of children.

Do not eat, drink or smoke when using this product.

Wear protective gloves.

IF SWALLOWED: Immediately call a POISON CENTER.

Store away from food, drink and animal foodstuff.

Dispose of contents to hazardous waste facilities in accordance with national regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - Professional use

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Ready to use rodenticide fresh paste bait
Target organism(s) (including development stage)	Mus musculus-House mouse-Adults Mus musculus-House mouse-Juveniles Rattus norvegicus-Brown rat-Adults Rattus norvegicus-Brown rat-Juveniles Rattus rattus-Roof rat-Adults Rattus rattus-Roof rat-Juveniles
Field(s) of use	Indoor Outdoor VARAT PASTA for professional use can be used in and around civil and industrial buildings (also warehouses and holds of ships), farms, houses, cellars, garages, closets and gardens.
Application method(s)	Bait application - VARAT PASTA is applied via tamper resistant bait stations. Bait is deposited and fixed in the bait stations. Stations and baiting points are controlled in an interval of 7 days and consumed bait is replaced. The number of bait points employed is dependent on: the treatment site; the size and severity of the infestation; the user; and the user requirements and needs. An adequate number of bait points are placed and fixed in dry locations and in appropriate positions to help prevent access by non-target animals. Consumed baits have to be replaced in regular intervals until consumption stops. If no further consumption of baits is observed for more than three days, it is considered that control has been achieved and the bait boxes are removed from the sites.
Application rate(s) and frequencies	House mouse (Mus musculus) : 2 baits (40 g) per 100 square meters. Brown rat (Rattus norvegicus) and Black rats (Rattus rattus): 3-5 baits (60 - 100 g) per 100 square meters. - 0.005 - Application on infestation is maximum 6 weeks for one campaign.
Category(ies) of users	Industrial Trained professional Professional

Pack sizes and packaging material

Box - Plastic: composite: - 1-3-5-10-20-25 Kg

Sachet - Plastic: composite: - 1-3-5-10-20-25 Kg

Box - Paper, cardboard - 1-3-5-10-20-25 Kg

Bag /Sack - Plastic: composite: - 1-3-5-10-20-25 Kg

4.1.1 Use-specific instructions for use

The product must be placed into an appropriate container, protected from weather. Containers should be placed securely to minimize the risk of tampering and accidental ingestion by children or non-target animals. Avoid treatments in the presence of not protected food or feed. Always be sure that containers are adequately secured and that baits could not be dragged away by rodents. The amount of used product per application is 2 baits per 100 square meters for house mice (*Mus musculus*) and 3-5 baits per 100 square meters for brown rats (*Rattus norvegicus*) and black rats (*Rattus rattus*).

4.1.2 Use-specific risk mitigation measures

While handling bait material and/or dead rodents, wear rubber gloves. Always be sure that containers are adequately secured and that baits could not be dragged away by rodents. Bait points should be removed, in a typical campaign, 6 weeks after initial placement. In case of contamination wash hands thoroughly with soap and plenty of water. In case of suspected ingestion consult a poison control center.

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

MECHANISM OF ACTION: The active substance in the product is an antagonist competitor of vitamin K and decreases the hepatic synthesis of K-dependent factors. **SYMPTOMS:** Severe poisoning from ingestion inhibits vitamin K, causing bleeding skin and haemorrhagic mucous membranes. **TREATMENT:** In case of ingestion of large quantities, induce vomiting, perform gastric lavage or administer active carbon. Monitor prothrombin activity after the ingestion and in the following days. If reduced, administer vitamin K. Follow proper medical protocol with the support of a Poison Control Centre. **CONTRAINDICATIONS:** anticoagulants.

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

Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink and animal feed stuffs. Store in original container, tightly closed, in a safe place. The product should not be re-used or recycled. Unconsumed product should be collected and disposed in accordance with local requirements.

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

Shelf-life up to 2 years.

4.2 Use description

Use 2 - Non professional use

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Ready to use rodenticide fresh paste bait
Target organism(s) (including development stage)	Mus musculus-House mouse-Adults Mus musculus-House mouse-Juveniles Rattus norvegicus-Brown rat-Adults Rattus norvegicus-Brown rat-Juveniles Rattus rattus-Roof rat-Adults Rattus rattus-Roof rat-Juveniles
Field(s) of use	Indoor Outdoor VARAT PASTA for non professional use can be used in civil buildings cellars, garages, closets and gardens.
Application method(s)	Bait application - VARAT PASTA is applied via tamper resistant bait stations. Bait is deposited and fixed in the bait stations. Stations and baiting points are controlled in an interval of 7 days and consumed bait is replaced. The number of bait points employed is dependent on: the treatment site; the size and severity of the infestation; the user; and the user requirements and needs. An adequate number of bait points are placed and fixed in dry locations and in appropriate positions to help prevent access by non-target animals. Consumed baits have to be replaced in regular intervals until consumption stops. If no further consumption of baits is observed for more than three days, it is considered that control has been achieved and the bait boxes are removed from the sites.
Application rate(s) and frequencies	House mouse (Mus musculus) : 2 baits (40 g) per 100 square meters. Brown rat (Rattus norvegicus) and Black rats (Rattus rattus): 3-5 baits (60 - 100 g) per 100 square meters. - 0.005 - Application on infestation is maximum 6 weeks for one campaign.
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Bag /Sack - Plastic: composite: - 40-60-80-100-160-200-260-500 g Sachet - Plastic: composite: - 40-60-80-100-160-200-260-500 g

4.2.1 Use-specific instructions for use

The product must be placed into an appropriate container, protected from weather. Containers should be placed securely to minimize the risk of tampering and accidental ingestion by children or non-target animals. Avoid treatments in the presence of not protected food or feed. Always be sure that containers are adequately secured and that baits could not be dragged away by rodents.

The amount of used product per application is 2 baits per 100 square meters for house mice (*Mus musculus*) and 3-5 baits per 100 square meters for Brown rats (*Rattus norvegicus*) and Black rats (*Rattus rattus*).

4.2.2 Use-specific risk mitigation measures

While handling bait material and/or dead rodents, wear rubber gloves. Always be sure that containers are adequately secured and that baits could not be dragged away by rodents. Bait points should be removed, in a typical campaign, 6 weeks after initial placement. In case of contamination wash hands thoroughly with soap and plenty of water. In case of suspected ingestion consult a poison control center.

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

MECHANISM OF ACTION: The active substance in the product is an antagonist competitor of vitamin K and decreases the hepatic synthesis of K-dependent factors. **SYMPTOMS:** Severe poisoning from ingestion inhibits vitamin K, causing bleeding skin and haemorrhagic mucous membranes. **TREATMENT:** In case of ingestion of large quantities, induce vomiting, perform gastric lavage or administer active carbon. Monitor prothrombin activity after the ingestion and in the following days. If reduced, administer vitamin K. Follow proper medical protocol with the support of a Poison Control Centre. **CONTRAINDICATIONS:** anticoagulants.

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

Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink and animal feed stuffs. Store in original container, tightly closed, in a safe place. The product should not be re-used or recycled. Unconsumed product should be collected and disposed in accordance with local requirements.

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

Shelf-life up to 2 years.

5. General directions for use

5.1. Instructions for use

The product must be placed into an appropriate container, protected from weather. Always be sure that containers are adequately secured and that baits could not be dragged away by rodents. Containers should be placed securely to minimize the risk of tampering and accidental ingestion by children or non-target animals. Avoid treatments in the presence of not protected food or feed. Always be sure that containers are adequately secured and that baits could not be dragged away by rodents. Arrange disposal by incineration or with other approved suitable treatments. Elimination or recycling according with the local Authority Regulations.

5.2. Risk mitigation measures

Keep locked up and out of the reach of children. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Avoid contact with skin. If swallowed, seek medical advice immediately (show the label where possible). Avoid release to the environment. Bait boxes must be placed in areas inaccessible to children, companion animals and non-target animals. Bait boxes must always be clearly labelled "Do Not Touch" and warn of the contents. Wash hands and face after application and use of the product, and before eating, drinking or smoking.

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

MECHANISM OF ACTION: The active substance in the product is an antagonist competitor of vitamin K and decreases the hepatic synthesis of K-dependent factors. SYMPTOMS: Severe poisoning from ingestion inhibits vitamin K, causing bleeding skin and haemorrhagic mucous membranes. TREATMENT: In case of ingestion of large quantities, induce vomiting, perform gastric lavage or administer active carbon. Monitor prothrombin activity after the ingestion and in the following days. If reduced, administer vitamin K. Follow proper medical protocol with the support of a Poison Control Centre. CONTRAINDICATIONS: anticoagulants.

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

While handling dead rodents, wear rubber gloves. Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink and animal feed stuffs. Store in original container, tightly closed, in a safe place. The product should not be re-used or recycled. Unconsumed product should be collected and disposed in accordance with local requirements.

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

Keep container tightly closed in cool and dry places, far from unauthorized people, far from foods and domestic animals. Protect from direct solar rays. Keep far from combustion fonts. Accurate ventilation/aspiration in work places. Shelf-life up to 2 years.

6. Other information

Non professional baits should be supplied as inner packs or units containing at most enough bait for one bait point (either rat or mouse) and used only in refillable tamper-resistant bait station. VARAT PASTA is a ready to use rodenticide bait based on the anticoagulant active substance Brodifacoum, effective against House Mouse (*Mus musculus*), Brown Rat (*Rattus norvegicus*), Black Rat (*Rattus rattus*) even after a single ingestion. The formulation consists in a "fresh paste", particularly attractive and palatable to all species of rodents that are listed in the instructions. The product does not alarm and does not suspect the other members of the population of rodents. VARAT PASTA contains a bittering agent to prevent accidental ingestion by children. The product is distributed by: Copyr Spa – Via Stephenson, 29 – 20157 Milano – Tel. 02.3903681