

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

beaphar[®]

Product name : ACT ANT&CRAW INSECT 300G
POWDER
Revision : 04.11.2014
Print date : 10-07-2015

Version : 1.0.0

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

ACT ANT&CRAW INSECT 300G
POWDER (17993)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Biocide

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : Beaphar B.V.
Street/P.O.Box : Drostenkamp 3
Country code/Postal code/Town/City : NL - 8101 BX Raalte
Telephone : +31 (0)572 348 834
Telefax : +31 (0)572 348 835
Contact : SDS@Beaphar.com

1.4 Emergency telephone number

Beaphar: +31 (0)612 968 231 (08:00 - 17:00 h), Contact: J. van den Eertwegh

2. Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008 (GHS)

Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 1 ; H410

2.2 Label elements

Regulation (EC) No 1272/2008 (GHS)

Hazard pictograms



Environment (GHS09)

Signal word

Warning

Hazard statements

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P103 Read label before use.
P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container according to the local rules

Special rules for supplemental label elements for certain mixtures

EUH208 Contains PERMETHRIN (ISO). May produce an allergic reaction.

2.3 Other hazards

None.

3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

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PERMETHRIN (ISO) ; EC-No. : 258-067-9; CAS-No. : 52645-53-1
Percentage : 0,1 -< 1 %
Classification 1272/2008 (GHS) : Acute Tox. 4 ; H302/332 Skin Sens. 1 ; H317 Aquatic Chronic 1 ; H410
For the wording of the listed risk phrases refer to section 16.

4. First aid measures

4.1 Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. For further information refer to "specifications about toxicology".

After inhalation

Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

After skin contact

Immediately remove all contaminated clothing. Wash away with soap and water and rinse. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media

Waterjet.

5.2 Special hazards arising from the substance or mixture

In case of fire toxic gases may be formed. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Appropriate breathing apparatus may be required.

5.4 Additional information

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. Provide for sufficient ventilation.

6.2 Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents. Avoid dust development.

6.4 Reference to other sections

None.

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7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

Avoid contact with skin and eyes. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

Information about protection against explosions and fires

Keep away from ignition sources and provide for good ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Information about separation of incompatible products

Keep away from combustible materials, reducing agents (e.g. amines), acids/alkalis, heavy metal compounds (e.g. accelerators, driers, metal soaps).

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Store containers tightly closed in a cool well ventilated place.

Storage class : 13

Storage class (TRGS 510) : 13

7.3 Specific end use(s)

None.

8. Exposure controls/personal protection

8.1 Control parameters

None.

8.2 Exposure controls

Personal protective equipment

Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Hand protection

By long-term hand contact Avoid contact with the skin and mouth. Use protective gloves. Suitable material NBR (Nitrile rubber) Breakthrough time (maximum wearing time) > 120 min. DIN-/EN-Norms DIN EN 374 Use gloves only once.

Eye protection

Eye glasses with side protection DIN-/EN-Norms DIN EN 166

Body protection

Light protective clothing.

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Relevant safety data

Physical state :

Colour :

Odour :

Melting point/melting range :

No data available °C

Boiling temperature/boiling (1013 hPa)

No data available °C

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range :			
Decomposition temperature :	No data available	°C	
Freezing point :	No data available	°C	
Flash point :	No data available	°C	
Auto-ignition temperature :	No data available	°C	
Flammability (solid, gas) :	No data available		
Lower explosion limit :	No data available	Vol-%	
Upper explosion limit :	No data available	Vol-%	
Explosive properties :	No data available		
Vapour Pressure : (20 °C)	No data available	hPa	
Evaporation rate (n-butylacetate = 1) :	No data available		
Density : (20 °C)	ca.	1	g/cm ³
Water solubility : (20 °C)	No data available		g/l
pH value :	No data available		
Partition coefficient (n-octanol/water) :	No data available		
Viscosity : (20 °C)	No data available	mPa.s	
Odour threshold	No data available		
Vapour density (air = 1) : (101 kPa)	No data available		
Oxidising properties :	No data available		

9.2 Other information

None.

10. Stability and reactivity

10.1 Reactivity

There are no data available on the product itself.

10.2 Chemical stability

There are no data available on the product itself.

10.3 Possibility of hazardous reactions

There are no data available on the product itself.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

11.1 Information on toxicological effects

There are no data available on the product itself.

11.3 Additional toxicological information

There are no data available on the product itself. The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

12.1 Toxicity

There are no data available on the product itself.

12.2 Persistence and degradability

There are no data available on the product itself.

12.3 Bioaccumulative potential

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There are no data available on the product itself.

12.4 Mobility in soil

There are no data available on the product itself.

12.5 Results of PBT and vPvB assessment

There are no data available on the product itself.

12.6 Other adverse effects

There are no data available on the product itself.

12.7 Additional information

Do not empty into waters or drains.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation

In accordance with local official regulations. Pass on to an appropriate incinerating plant or waste dump.

14. Transport information

14.1 UN number

3077

14.2 UN proper shipping name

ADR/RID

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PERMETHRIN (ISO))

IMDG-Code

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PERMETHRIN (ISO))

ICAO-TI / IATA-DGR

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PERMETHRIN (ISO))

14.3 Transport hazard class(es)

ADR/RID

Class : 9
Classification-Code : M7
Kemlercode : 90
Tunnel restriction code : E
Special provisions : LQ27 · E 1
Label : 9 / N

IMDG-Code

Class : 9
EmS number : F-A / S-F
Special provisions : LQ 5 kg · E 1
Label : 9 / N

ICAO-TI / IATA-DGR

Class : 9
Special provisions : E 1
Label : 9 / N

14.4 Packing group

III

14.5 Environmental hazards

ADR/RID : N

IMDG-Code : P

ICAO-TI / IATA-DGR : N

14.6 Special precautions for user

None.

15. Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water pollution classification

Class : 2 Classification according to VwVwS

15.2 Chemical safety assessment

There are no data available on the product itself.

16. Other information

Further information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

R-Phrases of components

20/22	Harmful by inhalation and if swallowed.
43	May cause sensitization by skin contact.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

GHS Hazard statements of components

H302/332	Harmful if swallowed or if inhaled.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.