

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

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

1.1 Product identifier

ACT ANT&CRAW INSEC.300ML
SPRAY (17994)

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

1.4 Emergency telephone number

+31 (0)612 968 231 (08:00 - 17:00 h)

2. Hazards identification

2.1 Classification of the substance or mixture

Directive 67/548/EEC or 1999/45/EC

Extremely flammable. · Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. · Harmful: may cause lung damage if swallowed. · Repeated exposure may cause skin dryness or cracking.
F+ ; R 12 · N ; R 50/53 · Xn ; R 65 · R 66

Regulation (EC) No 1272/2008 (GHS)

Extremely flammable aerosol. · Pressurised container: May burst if heated. · May be fatal if swallowed and enters airways. · Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 1 ; H410 · Asp. Tox. 1 ; H304 · Flam. Aerosol 1 ; H222

2.2 Label elements

Directive 67/548/EEC or 1999/45/EC

Danger symbol and danger designation



F+ ; Extremely flammable



Xn ; Harmful



N ; Dangerous for the environment

R-phrases

12	Extremely flammable.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.

S-phrases

29/35	Do not empty into drains; dispose of this material and its container in a safe way.
61	Avoid release to the environment. Refer to special instructions/safety data sheet.
2	Keep out of the reach of children.
51	Use only in well-ventilated areas.
46	If swallowed, seek medical advice immediately and show this container or label.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

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Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

- 16 Keep away from sources of ignition. - No smoking.
- Special designation for certain preparations**
- 56 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
- 57 Do not pierce or burn, even after use.
- 58 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Regulation (EC) No 1272/2008 (GHS)

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08) · Environment (GHS09)

Signal word

Danger

Hazard statements

- H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

- P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P405 Store locked up.
P410/412 Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container according to the local rules

2.3 Other hazards

None.

3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics,

- Percentage : ≥ 50 %
Classification 67/548/EEC : Xn ; R65 R66
Classification 1272/2008 (GHS) : Asp. Tox. 1 ; H304

HYDROCARBONS C3-C4 (< 0.1 %w/w butadiene) ; EC-No. : 270-681-9; CAS-No. : 68476-40-4

- Percentage : 25 -< 50 %
Classification 67/548/EEC : F+ ; R12
Classification 1272/2008 (GHS) : Flam. Gas 1 ; H220 Press. Gas ; H280

DELTAMETHRIN (ISO) ; EC-No. : 258-256-6; CAS-No. : 52918-63-5

- Percentage : 0,00002 -< 0,1 %
Classification 67/548/EEC : N ; R50/53 T ; R23/25
Classification 1272/2008 (GHS) : Acute Tox. 3 ; H301/331 Aquatic Chronic 1 ; H410

For the wording of the listed risk phrases refer to section 16.

4. First aid measures

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

4.1 Description of first aid measures

General

Unconsciousness: lateral position - call a physician. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Please note safety instructions and directions for use on the drum.

After inhalation

Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration. Call a doctor, should the air passages be affected.

After skin contact

Flush away with water and rinse.

After eye contact

Flush with plenty of water.

After ingestion

Do not induce vomiting. Drink plenty of water.

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

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.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

Prevent the creation of inflammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the OEL (=Occupational Exposure Limit). Additionally, the product should only be used in areas from which all naked lights

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

and other sources of ignition have been excluded. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs. Normal precautions taken when handling chemicals should be observed.

Information about protection against explosions and fires

Keep away from ignition sources and provide for good ventilation. No sparking tools should be used.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers

Make sure that ventilation is adequate. 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. Avoid cooling to under 0°C. Avoid heating over 50°C.

Storage class : 2B

Storage class (TRGS 510) : 2B

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

Usually no personal respirative protection necessary. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection necessary at: exceeding exposure limit values Suitable respiratory protection apparatus Combination filtering device (EN 14387) Filtering device (full mask or mouthpiece) with filter: A The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

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 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 : Aerosol

Colour :

Odour :

Melting point/melting range : No data available °C

Boiling temperature/boiling range : (1013 hPa) No data available °C

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

Decomposition temperature :		No data available	°C
Freezing point :		No data available	°C
Flash point :	<	50	°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
Cinematic viscosity :	(40 °C)	<	20 mm ² /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.

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

There are no data available on the product itself.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

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 depository or recycling.

14. Transport information

14.1 UN number

1950

14.2 UN proper shipping name

ADR/RID

AEROSOLS

IMDG-Code

AEROSOLS (DELTAMETHRIN (ISO))

ICAO-TI / IATA-DGR

AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID

Class : 2
Classification-Code : 5F
Kemlercode : 23
Tunnel restriction code : D
Special provisions : LQ 2 · E 0
Label : 2.1 / N

IMDG-Code

Class : 2.1
EmS number : F-D / S-U
Special provisions : LQ 1 I · E 0
Label : 2.1 / N

ICAO-TI / IATA-DGR

Class : 2.1
Special provisions : E 0
Label : 2.1

14.4 Packing group

ADR/RID :

IMDG-Code :

ICAO-TI / IATA-DGR :

14.5 Environmental hazards

ADR/RID : N

IMDG-Code : P

ICAO-TI / IATA-DGR : N

14.6 Special precautions for user

None.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

15. Regulatory information

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

National regulatory information

Emission control act ("TA-Luft")

Weight fraction (Number 5.2.5. I) : < 5 %

Water pollution classification

Class : 1 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

12	Extremely flammable.
23/25	Toxic by inhalation and if swallowed.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.

GHS Hazard statements of components

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H280	Contains gas under pressure; may explode if heated.
H301/331	Toxic if swallowed or if inhaled.
H304	May be fatal if swallowed and enters airways.
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.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

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

1.1 Product identifier

ACT ANT&CRAW INSEC.300ML
SPRAY (17994)

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

1.4 Emergency telephone number

+31 (0)612 968 231 (08:00 - 17:00 h)

2. Hazards identification

2.1 Classification of the substance or mixture

Directive 67/548/EEC or 1999/45/EC

Extremely flammable. · Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. · Harmful: may cause lung damage if swallowed. · Repeated exposure may cause skin dryness or cracking.
F+ ; R 12 · N ; R 50/53 · Xn ; R 65 · R 66

Regulation (EC) No 1272/2008 (GHS)

Extremely flammable aerosol. · Pressurised container: May burst if heated. · May be fatal if swallowed and enters airways. · Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 1 ; H410 · Asp. Tox. 1 ; H304 · Flam. Aerosol 1 ; H222

2.2 Label elements

Directive 67/548/EEC or 1999/45/EC

Danger symbol and danger designation



F+ ; Extremely flammable



Xn ; Harmful



N ; Dangerous for the environment

R-phrases

12 Extremely flammable.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.

S-phrases

29/35 Do not empty into drains; dispose of this material and its container in a safe way.
61 Avoid release to the environment. Refer to special instructions/safety data sheet.
2 Keep out of the reach of children.
51 Use only in well-ventilated areas.
46 If swallowed, seek medical advice immediately and show this container or label.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

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Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

- 16 Keep away from sources of ignition. - No smoking.
- Special designation for certain preparations**
- 56 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
- 57 Do not pierce or burn, even after use.
- 58 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Regulation (EC) No 1272/2008 (GHS)

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08) · Environment (GHS09)

Signal word

Danger

Hazard statements

- H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

- P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P405 Store locked up.
P410/412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container according to the local rules

2.3 Other hazards

None.

3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics,

Percentage : ≥ 50 %
Classification 67/548/EEC : Xn ; R65 R66
Classification 1272/2008 (GHS) : Asp. Tox. 1 ; H304

HYDROCARBONS C3-C4 (< 0.1 %w/w butadiene) ; EC-No. : 270-681-9; CAS-No. : 68476-40-4

Percentage : 25 -< 50 %
Classification 67/548/EEC : F+ ; R12
Classification 1272/2008 (GHS) : Flam. Gas 1 ; H220 Press. Gas ; H280

DELTAMETHRIN (ISO) ; EC-No. : 258-256-6; CAS-No. : 52918-63-5

Percentage : 0,00002 -< 0,1 %
Classification 67/548/EEC : N ; R50/53 T ; R23/25
Classification 1272/2008 (GHS) : Acute Tox. 3 ; H301/331 Aquatic Chronic 1 ; H410

For the wording of the listed risk phrases refer to section 16.

4. First aid measures

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

4.1 Description of first aid measures

General

Unconsciousness: lateral position - call a physician. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Please note safety instructions and directions for use on the drum.

After inhalation

Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration. Call a doctor, should the air passages be affected.

After skin contact

Flush away with water and rinse.

After eye contact

Flush with plenty of water.

After ingestion

Do not induce vomiting. Drink plenty of water.

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

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.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

Prevent the creation of inflammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the OEL (=Occupational Exposure Limit). Additionally, the product should only be used in areas from which all naked lights

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

and other sources of ignition have been excluded. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs. Normal precautions taken when handling chemicals should be observed.

Information about protection against explosions and fires

Keep away from ignition sources and provide for good ventilation. No sparking tools should be used.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers

Make sure that ventilation is adequate. 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. Avoid cooling to under 0°C. Avoid heating over 50°C.

Storage class : 2B

Storage class (TRGS 510) : 2B

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

Usually no personal respiratory protection necessary. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection necessary at: exceeding exposure limit values
Suitable respiratory protection apparatus Combination filtering device (EN 14387) Filtering device (full mask or mouthpiece) with filter: A The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

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 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 : Aerosol

Colour :

Odour :

Melting point/melting range : No data available °C

Boiling temperature/boiling range : (1013 hPa) No data available °C

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

Decomposition temperature :		No data available	°C
Freezing point :		No data available	°C
Flash point :	<	50	°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
Cinematic viscosity :	(40 °C)	<	20 mm ² /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.

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

There are no data available on the product itself.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
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Version : 1.0.0

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 depository or recycling.

14. Transport information

14.1 UN number

1950

14.2 UN proper shipping name

ADR/RID

AEROSOLS

IMDG-Code

AEROSOLS (DELTAMETHRIN (ISO))

ICAO-TI / IATA-DGR

AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID

Class : 2
Classification-Code : 5F
Kemlercode : 23
Tunnel restriction code : D
Special provisions : LQ 2 · E 0
Label : 2.1 / N

IMDG-Code

Class : 2.1
EmS number : F-D / S-U
Special provisions : LQ 1 I · E 0
Label : 2.1 / N

ICAO-TI / IATA-DGR

Class : 2.1
Special provisions : E 0
Label : 2.1

14.4 Packing group

ADR/RID :

IMDG-Code :

ICAO-TI / IATA-DGR :

14.5 Environmental hazards

ADR/RID : N

IMDG-Code : P

ICAO-TI / IATA-DGR : N

14.6 Special precautions for user

None.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ACT ANT&CRAW INSEC.300ML
SPRAY
Revision : 12.02.2015
Print date : 13-02-2015

Version : 1.0.0

15. Regulatory information

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

National regulatory information

Emission control act ("TA-Luft")

Weight fraction (Number 5.2.5. I) : < 5 %

Water pollution classification

Class : 1 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

12	Extremely flammable.
23/25	Toxic by inhalation and if swallowed.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.

GHS Hazard statements of components

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H280	Contains gas under pressure; may explode if heated.
H301/331	Toxic if swallowed or if inhaled.
H304	May be fatal if swallowed and enters airways.
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.