

# Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 04.09.2009

Product: **AVERT GEL**

Version: 1.0

(30473351/SDS\_GEN\_GB/EN)

Date of print 05.09.2009

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## 1. Substance/preparation and company identification

### AVERT GEL

Use: biocide

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Contact address:

BASF PLC

PO Box 4, Earl Road

Cheadle Hulme, Cheshire

GREAT BRITAIN

SK8 6QG

Telephone: +44 161 485-6222

Telefax number: +44 161 4274

E-mail address: product-safety-north@basf.com

Emergency information:

International emergency number:

Telephone: +49 180 2273-112

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## 2. Hazard identification

### Possible Hazards

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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### 3. Composition/information on ingredients

#### Chemical nature

Bait, insecticide, Biocidal product

#### Hazardous ingredients

according to Directive 1999/45/EC

#### ABAMECTIN TECHNICAL

Content (W/W): 0.06 %  
CAS Number: 71751-41-2  
Hazard symbol(s): N, T+  
R-phrase(s): 22, 24, 26, 50/53

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

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### 4. First-Aid Measures

#### General advice:

Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician. First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

#### On skin contact:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

#### On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

#### On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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### 5. Fire-Fighting Measures

#### Suitable extinguishing media:

water spray, water fog, carbon dioxide, foam, dry extinguishing media

**Specific hazards:**

carbon monoxide, carbon dioxide, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire.

**Special protective equipment:**

Wear self-contained breathing apparatus and chemical-protective clothing.

**Further information:**

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental Release Measures

**Personal precautions:**

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

**Environmental precautions:**

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

**Methods for cleaning up or taking up:**

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Sweep/shovel up.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Incinerate or take to a special waste disposal site in accordance with local authority regulations. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

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## 7. Handling and Storage

### Handling

No special measures necessary if stored and handled correctly.

**Protection against fire and explosion:**

Avoid all sources of ignition: heat, sparks, open flame. The product is combustible but not self combustible not explosive and does not add to the spreading of fire.

### Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Keep away from heat. Protect against moisture. Protect from direct sunlight.

**Storage stability:**

Storage duration: 24 Months

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## 8. Exposure controls and personal protection

### Personal protective equipment

Respiratory protection:  
Respiratory protection not required.

Hand protection:  
Rubber gloves  
Synthetic rubber gloves  
Plastic gloves

Eye protection:  
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:  
Body protection must be chosen based on level of activity and exposure.

### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Take off immediately all contaminated clothing. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift.

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## 9. Physical and Chemical Properties

Form:	paste	
Colour:	brown	
Odour:	mild	
pH value:	approx. 6.7 (water, 1 %(m))	
freezing range:	< 20 °C	
Flash point:	not applicable	
Self ignition:	not applicable	not determined
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	
Density:	1.05 g/cm <sup>3</sup> (20 °C)	
Bulk density:	not applicable	
Solubility in water:	slightly soluble	

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Partitioning coefficient n-octanol/water (log Pow):  
not applicable

Viscosity, dynamic:  
not applicable

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## 10. Stability and Reactivity

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Hazardous reactions:  
No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:  
No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Acute toxicity

Experimental/calculated data:  
LD50 rat (oral): > 5,000 mg/kg

LD50 rat (dermal): > 5,000 mg/kg

*Information on: ABAMECTIN TECHNICAL*  
*Experimental/calculated data:*  
*LC50 rat (by inhalation): 0.034 mg/l 4 h*  
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### Irritation

Assessment of irritating effects:  
Not irritating to eyes and skin.

### Respiratory/Skin sensitization

Assessment of sensitization:  
No sensitizing effect.

### Other relevant toxicity information

Misuse can be harmful to health.

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## 12. Ecological Information

### Ecotoxicity

*Information on: ABAMECTIN TECHNICAL*

*Toxicity to fish:*

*LC50 (96 h) 0.0036 mg/l, Oncorhynchus mykiss*

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*Information on: ABAMECTIN TECHNICAL*

*Aquatic invertebrates:*

*EC50 (48 h) 0.00034 mg/l, Daphnia pulex*

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*Information on: ABAMECTIN TECHNICAL*

*Aquatic plants:*

*EC50 (216 h) > 100 mg/l, algae*

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**Persistence and degradability**

*Information on: ABAMECTIN TECHNICAL*

*Assessment biodegradation and elimination (H<sub>2</sub>O):*

*On the basis of the data available concerning eliminability/degradation, longer-term harm to the environment cannot be ruled out.*

*The ecological data given are those of the active ingredient.*

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**Additional information**

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The ecological data given are those of the active ingredient.

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## 13. Disposal Considerations

Must be dumped or incinerated in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (GB)

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## 14. Transport Information

**Land transport**

ADR

Hazard class: 9

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Packing group: III  
ID number: UN 3077  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(contains ABAMECITIN)

#### RID

Hazard class: 9  
Packing group: III  
ID number: UN 3077  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(contains ABAMECITIN)

#### Inland waterway transport

##### ADNR

Hazard class: 9  
Packing group: III  
ID number: UN 3077  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(contains ABAMECITIN)

#### Sea transport

##### IMDG

Hazard class: 9  
Packing group: III  
ID number: UN 3077  
Hazard label: 9, EHSM  
Marine pollutant: YES  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(contains ABAMECITIN)

#### Air transport

##### IATA/ICAO

Hazard class: 9  
Packing group: III  
ID number: UN 3077  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(contains ABAMECITIN)

#### Further information

This product is subject to The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 and their amendments (United Kingdom).

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## 15. Regulatory Information

### Regulations of the European union (Labelling) / National legislation/Regulations

#### Self classification:

Hazard symbol(s)	
N	Dangerous for the environment.
R-phrase(s)	
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	
S2	Keep out of the reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S20/21	When using do not eat, drink or smoke.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazard determining component(s) for labelling: ABAMECITIN

### Other regulations

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

This product may be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments if specific threshold tonnages are exceeded (United Kingdom).

## 16. Other Information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3:

N	Dangerous for the environment.
T+	Very toxic.
22	Harmful if swallowed.
24	Toxic in contact with skin.
26	Very toxic by inhalation.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vertical lines in the left hand margin indicate an amendment from the previous version.

If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: [product-safety-north@basf.com](mailto:product-safety-north@basf.com)

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The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.