



## Caparol Amphibolin-W

Version 1.0

Revision Date 10.10.2012

Print Date 10.10.2012

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

#### 1.1 Product identifier

Trade name : Caparol Amphibolin-W

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

Use of the Substance/Mixture : Protective coating

Recommended restrictions on use :

#### 1.3 Details of the supplier of the safety data sheet

Company : Caparol Farben Lacke Bautenschutz GmbH  
Roßdörfer Straße 50  
64372 Ober-Ramstadt  
Telephone : +496154710  
Telefax : +49615471222  
E-mail address : sds@daw.de  
Responsible/issuing person

#### 1.4 Emergency telephone number

Emergency telephone number/  
E-mail address : 0049(0)6154/71-202 sds@daw.de

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### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Chronic aquatic toxicity, Category 3 H412: Harmful to aquatic life with long lasting effects.

##### Classification (67/548/EEC, 1999/45/EC)

Dangerous for the environment R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

##### Labelling according to EC Directives (1999/45/EC)

R-phrase(s) : R52/53 Harmful to aquatic organisms, may cause

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long-term adverse effects in the aquatic environment.

### 2.3 Other hazards

Keep out of reach of children. If swallowed, seek medical advice immediately and show the container or label (intestinal bacteria can be affected). Do not empty into drains, water courses or into the ground.

Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Clean utensils immediately after use with soap and water.

Apply by brush or paint roller only.  
Use P2 dust filter for grinding.

## 3. Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Mixture

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
terbutryn	886-50-0 212-950-5	N; R50/53	Aquatic Chronic 1; H410	$\geq 0,0025$ - $< 0,025$

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 4. First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
No hazards which require special first aid measures.
- If inhaled : No information available.
- In case of skin contact : Take off all contaminated clothing immediately.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses.  
Immediately flush eyes for at least 15 minutes. Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.  
If accidentally swallowed obtain immediate medical attention.  
Clean mouth with water and drink afterwards plenty of water.

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Never give anything by mouth to an unconscious person.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Risks : No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

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## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Exposure to decomposition products may be a hazard to health.  
Cool closed containers exposed to fire with water spray.  
Do not allow run-off from fire fighting to enter drains or water courses.  
Warning: water promotes the spread of fire.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.

Further information : Standard procedure for chemical fires.

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## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Refer to protective measures listed in sections 7 and 8.

### 6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Biofiltration

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Suitable cleaning agents  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

This information is not available.

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## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.  
not required under normal use

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store at room temperature in the original container.  
Keep in a well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
To maintain product quality, do not store in heat or direct sunlight.  
Observe label precautions.

Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.

### 7.3 Specific end uses

: This information is not available.

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## 8. Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.  
Do not use for spraying.

Hand protection : Polyvinyl alcohol or nitrile- butyl-rubber gloves  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.  
Before removing gloves clean them with soap and water.  
German trade association leaflet: Carry gloves (ZH 1/706)  
German trade association leaflet: A 023 Hand and skin protection

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- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
German trade association rules - BGR 192 Eye protection
- Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : Ensure adequate ventilation, especially in confined areas.  
Avoid contact with the skin and the eyes.  
Wash hands before eating, drinking, or smoking.
- Protective measures : No special protective equipment required.

### Environmental exposure controls

- General advice : Do not let product enter drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Odour : characteristic
- Odour Threshold : not applicable
- pH : 8,5
- Melting point/range : not determined
- Boiling point/boiling range : 100 °C
- Flash point : not applicable
- Evaporation rate : not applicable
- Flammability (solid, gas) : not determined
- Lower explosion limit : not applicable
- Upper explosion limit : not applicable
- Vapour pressure : not determined
- Relative vapour density : not applicable
- Relative density : not applicable
- Density : 1,3350 g/cm<sup>3</sup>
- Water solubility : soluble
- Partition coefficient: n-octanol/water : not determined
- Autoignition temperature : not determined
- Thermal decomposition : no data available

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Explosive properties : not applicable  
Oxidizing properties : no data available

### 9.2 Other information

Flow time : not determined

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## 10. Stability and reactivity

### 10.1 Reactivity

This information is not available.

### 10.2 Chemical stability

This information is not available.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Further information: No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.  
Incompatible with acids and bases.

### 10.6 Hazardous decomposition products

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:  
Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

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## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Product

Acute oral toxicity : no data available  
Acute inhalation toxicity : no data available  
Acute dermal toxicity : no data available  
Skin corrosion/irritation : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.  
Serious eye damage/eye irritation : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.  
Respiratory or skin sensitization : no data available

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Further information : There is no data available for this product.

### Components:

#### **terbutryn :**

Acute oral toxicity : LD50 Oral: > 2.000 mg/kg, rat

Acute inhalation toxicity : LC50: > 2.200 mg/l, 4 h, rat,

Acute dermal toxicity : LD50 Dermal: > 2.000 mg/kg, rat

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## 12. Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish :  
no data available

Toxicity to daphnia and other  
aquatic invertebrates : no data available

#### Components:

#### **terbutryn :**

M-Factor : 100

### 12.2 Persistence and degradability

#### Product:

Biodegradability :  
no data available

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation :  
no data available

### 12.4 Mobility in soil

#### Product:

Mobility : no data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : no data available

### 12.6 Other adverse effects

#### Product:

Additional ecological  
information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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### 13. Disposal considerations

#### 13.1 Waste treatment methods

- Product : The product should not be allowed to enter drains, water courses or the soil.  
Disposal together with normal waste is not allowed. Special disposal required according to local regulations.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### 14. Transport information

#### 14.1 UN number

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.2 Proper shipping name

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.3 Transport hazard class

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.4 Packing group

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods



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### 14.5 Environmental hazards

#### ADR

Not dangerous goods

#### RID

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

### 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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## 15. Regulatory information

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

Risk classification according to VbF : not applicable

Water contaminating class (Germany) : 1: slightly water endangering

Product code for laquers and paints / Giscode : M-DF01F (Germany)

Other regulations : Take note of Dir 94/33/EC on the protection of young people at work., Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

### 15.2 Chemical Safety Assessment

This information is not available.

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## 16. Other information

### Full text of R-phrases referred to under sections 2 and 3

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Full text of H-Statements referred to under sections 2 and 3.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### **REACH and GHS/CLP Information**

According to our legal obligations we will implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and GHS respectively the Regulation (EC) No 1272/2008. REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly. This will be put into practise depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

The amendment of safety data sheets of mixtures or preparations in accordance with GHS /CLP regulation will be carried out during a transitional period until June 1, 2015. We will conduct the adjustment of our safety data sheets during the time frame of the transitional period as soon as new information is available from our suppliers.