

# SAFETY DATA SHEET

According 1907/2006/EG, Article 31

Product: Fire Log  
Pages: 1 of 6  
Date: 06.02.2011  
Revision: 1

## 1. Identification of the substance and of the company

Name of product	Fire Log
Supplier	Carl Warrlich GmbH
Address	Falkener Landstrasse 9 99830 Treffurt Germany
Telephone number	+49 (0)36923 5290
Fax number	+49 (0)36923 52913
E-mail	carl@warrlich.de
Website	www.warrlich.de
Emergency Advice	Anti-Poison Center Erfurt Tel. +49 (0)361 730730

## 2. Hazards identification

Health	Probably does not cause eye irritation. Probably does not cause skin irritation. Non-volatile It is not likely that the product will be breathed in at normal room temperature. Overheating causes smoke and vapor which is irritating to the respiratory system and the lungs. Swallowing probably has no harmful effects on health.
Environment	Although no specific environmental hazards are to be expected and biological build-up is unlikely, the product should not be allowed to enter the environment.
Safety	The product is not dangerous/ is not a dangerous preparation and therefore free of labeling. The product is inflammable, therefore keep away from open fire and other lighters.

# SAFETY DATA SHEET

According 1907/2006/EG, Article 31

Product: Fire Log  
Pages: 2 of 6  
Date: 06.02.2011  
Revision: 1

## 3. Composition of ingredients

### 3.1 Chemical characterization

Wooden firelighters are being produced from soft board, paraffin and fatty acids.

Raw material	Cas no.	Einecs	R.no.	S.no.	Percentage
Biowax	8015-86-9				39%
Wood sawdust	900434-6				34%
Wood pellets	900434-6				17%
Vegetable Fatty acids	-	-	-	-	10%

### Dangerous substance:

There are no substances in the product in such a concentration, that it could be classified as hazardous substance in the sense of the Hazardous Substances ACT/ EC Regulations

## 4. First Aid Measures

### **General information:**

If used normally the product is not dangerous.

### **In case of eye contact:**

Wash copiously with water. No special treatment is required. If complaints arise or persist a doctor should be consulted.

### **In case of skin contact:**

Wash the contaminated area thoroughly with soap and water. No special treatment is required. If complaints arise or persist a doctor should be consulted.

### **In case of inhalation:**

Place the victim in fresh air. If there is no speedy recovery a doctor should be consulted.

### **In case of ingestion:**

DO NOT INDUCE VOMITING. No special treatment is required. If complaints arise, a doctor should be consulted.

### **Treatment:**

Treat symptoms.

## 5. Fire-fighting measures

### **Suitable extinguishing media:**

carbon dioxide, foam, sand, water mist

### **Extinguishing media which must not be used for safety reasons:**

a full water jet.

### **Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases soot and other organic products.**

Carbon Monoxide (CO) and Carbon Dioxide (CO<sub>2</sub>)

# SAFETY DATA SHEET

According 1907/2006/EG, Article 31

Product: Fire Log  
Pages: 3 of 6  
Date: 06.02.2011  
Revision: 1

## Extra information:

Fire logs don't cause an increased risk for fire. The product will only start burning by open fire, therefore it's important to keep the product away from open fire and other lighters. Please avoid that water used for fire-extinguish will discharge into the drains/surface/groundwater.

## 6. Measures to be taken by involuntary release of the product

### Personal preventive measures

No special measures necessary. In case of fire it's necessary to use breathing apparatus. Avoid naked flames to for come that the product starts burning.

### Environmental preventive measures

Prevent the product from entering the public sewer system or surface water.

### Methods for cleaning up

Wooden Firelighters are a solid product. When the product is involuntary released is sufficient to sweep together and contact the local waste disposal.

## 7. Handling and Storage

### Handling

For the use of fire logs there are no special safety measures needed. Do not use white spirits or petrol to ignite or relight the product.

### Storage

Store in a cool, dry and well ventilated area. The product is inflammable therefore it needs to be kept away from open fire and other lighters.

## 8. Measures to be taken to control exposure/ personal protection

Technical measures

No special measures necessary

Control parameters

Exposure should be kept to as low a level as possible under all circumstances by employing good ventilation and safe working methods.

### Personal protection:

Protection of the respiratory system:

Normally not applicable

Eye protection

Special measures are not required other than a clean working environment and safe working methods.

Skin and hand

Special measures are not required other than protection of a clean working environment and safe working methods.

# SAFETY DATA SHEET

According 1907/2006/EG, Article 31

Product: Fire Log  
Pages: 4 of 6  
Date: 06.02.2011  
Revision: 1

## 9. Physical and chemical properties

### General information:

Physical state	Solid
Colour	Brown
Smell	Slight

### Important health, safety and environmental information:

Ignition point, °C	300 °C
Flash point, °C	> 200 °C, DIN/ISO 2592
Upper explosion limit	Not known
Lower explosion limit	Not known
Vapour pressure,	< 0,01 kPa with a temperature 20°C,
Solubility	ca. 2,5mm <sup>2</sup> /s by a temperature of 100 °C, Din 51562
Solubility in water	insoluble

## 10. Stability and Reactivity

### Stability

Fire logs are stable when they are stored as recommended under number 7.

### Conditions to be avoided

To make sure that the product doesn't start burning it's important that the fire logs are kept away from open fire, heat, flames and sparks.

### Materials to avoid

No hazardous materials known.

### Hazardous decomposition products

None in case of appropriate storage/handling/ transportation. The product can separate irritating smoke of Carbon Monoxide (CO) and Carbon Dioxide (CO<sub>2</sub>)

## 11. Toxicological information

### Acute toxicity

There is no specific toxicological information for this product. The information is based on details for the constituents and on toxicological data for similar products.

oral	LD 50 (expected) > 52000 mg/kg
dermal	LD 50 (expected) > 3000 mg/kg

# SAFETY DATA SHEET

According 1907/2006/EG, Article 31

Product: Fire Log  
Pages: 5 of 6  
Date: 06.02.2011  
Revision: 1

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## Primary affection:

Irritability skin	non-irritant
Irritability eye	non-irritant
Sensitization respiratory	non-sensitizing
Skin sensitization	non-sensitizing

## Experiences made from practice

Unknown.

## 12. Ecological information

There is no specific ecological information for this product. Used information is based on details for the constituents and on data for similar products. Probably not dangerous to aquatic organisms.

### Biological degradability

The product is not easily bio-degradable.  
German WGK class: 0

## 13. Instructions for disposal

Waste code No. 12 01 12. Name of waste: spent waxes and fats  
Waste code No. EAK 030105 Name of waste: spent wood fiber.

Recommendations for the product:

The disposal code is just a recommendation. Contact your local experts to obtain information about use or disposal of the material involved.

## 14. Transport information

UN-No.	No hazardous material as defined by prescriptions
RID/ADR	No hazardous material as defined by prescriptions
IMO (IMDG)	No hazardous material as defined by prescriptions
IATA/ICAO	No hazardous material as defined by prescriptions

## 15. Legally required information

### Remarks for classification

The product does not require a hazard warning label in accordance with EC directive  
Labelling/grouping:

Symbols:	None
Contents:	
R & S sentences:	None

# SAFETY DATA SHEET

According 1907/2006/EG, Article 31

Product: Fire Log  
Pages: 6 of 6  
Date: 06.02.2011  
Revision: 1

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## 16. Other information

Above information corresponds to our present knowledge and experience. It is not a guarantee that no errors or incomplete data may be obtained.