

# Safety data sheet

in accordance with EEC directive 91/155/EEC

date of issue: 22.05.2003  
 revised on: 14.01.2003  
 replaces safety data sheet from: 01.11.2002

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## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

trade name	SÄGEKETTENHAFTÖL, teilsynthetisch
application	chain saw oil / synthetic oil
Sachnummer	0781 516 20..
manufacturer / distributor	Andreas Stihl Badstraße 115 D 71336 Waiblingen
information department	Product Management Forestry Accessories
phone	+ 49 (0) 7151/26-2620
fax	+ 49 (0) 7151/2682620
emergency information	
emergency phone	

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

chemical characterization  
 polyalkylbenzene

dangerous ingredients: none

CAS number	EINECS	information as required by EEC directives	conc.	Label	R-phrases

## 3. HAZARD IDENTIFICATION

hazard symbols  
 not applicable

hazard warnings for humans and environment ( R - phrases )  
 not applicable

## 4. FIRST AID MEASURES

inhalation  
 ensure supply of fresh air

skin contact  
 After contact with skin, wash immediately with plenty of soap and water.

eye contact  
 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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trade name: Sägekettentöl, teilsynthetisch

ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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## 5. FIRE FIGHTING MEASURES

suitable extinguishing media

dry powder, CO<sub>2</sub>, foam

extinguishing media that must not be used

jet of water

special exposure hazards

none

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## 6. ACCIDENTAL RELEASE MEASURES

personal precautions

normal hygiene and safety precautions should be observed when handling chemicals

environmental precautions

do not discharge into surface water, drains or the environment

methods for cleaning up

Clear up by mechanical means or with absorbent material and dispose of in accordance with regional special regulations

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## 7. HANDLING AND STORAGE

precautionary measures for safe handling

normal hygiene and safety precautions should be observed when handling chemicals

measures to prevent fire or explosions

endangered tanks are to be cooled with water

storage / technical measures

# storage classification: 10 (VCI)

packing and storage requirements

no special precaution required

incompatible materials

none

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

threshold limit values of products to be controlled at work places

not applicable

CAS-No.	description of the substance	type	value	unit
the stated values comply with current publications ( as at date of issuance )				

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## general protective and safety measures

respiratory protection

not applicable

hand protection

not applicable

eye protection

Wear eye / face protection (EN 166)

skin protection

not applicable

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

appearance liquid  
colour brown  
odour typical

<u>property</u>	<u>value</u>	<u>unit</u>	<u>method ( 67/584/EEC )</u>	
pH value	neutral			
boiling range		°C		
melting range		°C		
flash point	> 190	°C		DIN ISO 2592
density	0,890 ± 0,020	g/cm <sup>3</sup>	15°C	DIN 51757
water solubility ( active substance )	insoluble			
viscosity	110 ± 10	mm <sup>2</sup> /s	40 °C	DIN 51562

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## 10. STABILITY AND REACTIVITY

thermal decomposition / conditions to avoid

none if used as directed

dangerous reactions

none if used as directed

substances to avoid

hazardous decomposition products

none if used as directed

further information

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## 11. TOXICOLOGICAL INFORMATION

acute toxicity

no symptoms of poisoning are known after many years of experience when used properly.

The statements are based on the properties of the individual components:

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LD<sub>50</sub> oral (rat) > 5000 mg/kg  
non-skin irritant (rabbit, OECD 404)  
non-eye irritant (rabbit, OECD 405)

sensitisation, narcosis, carcinogenicity, mutagenicity, teratogenicity

effects on humans

aspiration (in case of vomiting) may cause lung oedemas and/ or pneumonia

additional toxicological comments

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## 12. ECOLOGICAL INFORMATION

ecotoxicity

EC<sub>50</sub>/IC<sub>50</sub>/LC<sub>50</sub> - Value: not determined

The statements are based on the properties of the individual components:

fish: LC<sub>50</sub>, 48 h: > 10 000 mg/l

degradability

Because of its poor water solubility the product is usually mechanically separated within biological sewage plants.

According to experience no adverse effects in drains or sewage systems are to be expected if correct disposal procedures have been followed.

mobility

not known

<u>persistence and degradability of dangerous substances</u> : not applicable
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<u>CAS number / dangerous ingredients</u>
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<u>degradability</u>
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bioaccumulation

not known

other adverse effects

not known

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## 13. DISPOSAL CONSIDERATIONS

disposal classification number

The waste disposal code number is to be determined in accordance with the criteria of the disposal contractor/ authority.

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recommendation: 130206 .

unused substance / remaining substance

recommendation: Observe the legal requirements.

Dispose of in accordance with regional regulations..

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contaminated packaging

recommendation:

# Observe the legal requirements.

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## 14. TRANSPORT INFORMATION

road transport            no hazardous goods  
ADR/RID

air transport            no hazardous goods  
ICAO/ IATA

maritime shipping    no hazardous goods  
transport  
IMDG-Code

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## 15. REGULATORY INFORMATION

labelling as required by EEC directives 67/548/EWG and 1999/45/EC

labelling as required by EEC directives

none

R phrases

none

S phrases

none

national regulations

liquid will contaminate ground water 1 (VwVwS 1999, Anh. 4)  
(D)

restrictions

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## 16. OTHER INFORMATION

person in charge:

The information contained herein solely describes the relevant safety requirements of the product. It has been prepared from the best knowledge available to us. It does not constitute any warranty or guarantee as to the quality, properties, condition or otherwise of the product conforming to legislation guarantee regulations.

Changes to the previous version of this data sheet are indicated by ' # ' in the left hand margin.

