



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed  
revision

12.08.2015  
11.08.2015 (GB) Version 2.3

**STABYL LT 50**  
A01-01846

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Name of product

STABYL LT 50

### US Distributor

Fuchs Lubricants Co.  
17050 Lathrop Avenue  
Harvey, IL 60426  
(708) 333-8900  
(800) 255-3924 24 hr Emergency

### 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Lubricating grease

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

Manufacturer/distributor

FUCHS LUBRITECH GMBH  
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/Germany  
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940  
E-Mail reach@fuchs-lubritech.de  
Internet www.fuchs-lubritech.com

Advice

Product Safety Management  
Phone +49 (0) 6301 3206 - 0  
Fax +49 (0) 6301 3206 - 940  
E-mail (competent person):  
reach@fuchs-lubritech.de

### 1.4. Emergency telephone number

Emergency advice

+49 (0)171 / 4632154  
Phone 06301/3206-808  
This number is only available at office times.

## ! SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

R52/53

### R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### ! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Aquatic Chronic 3	H412	
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### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

### Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

### Precautionary Statements

P262 Do not get in eyes, on skin, or on clothing.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container to ...

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

Thickening system and additives in synthetic oil



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## Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
128-37-0	202-414-9 204-881-4	heterocyclic N compound 2,6-di-tert-butyl-p-cresol	1 - 2,4 0,25 - 1	C R22,R34;R48/22 N R50/53 N, R50/53
CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
128-37-0	202-414-9 204-881-4	heterocyclic N compound 2,6-di-tert-butyl-p-cresol	1 - 2,4 0,25 - 1	STOT RE 2, H373 / Skin Corr 1B, H314 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410 / Acute Tox. 4, H304 Aquatic Chronic, H410 /

## REACH

CAS No	Name	REACH registration number
128-37-0	2,6-di-tert-butyl-p-cresol	01-2119565113-46-0000

## Additional advice

none at appropriate handling and storage

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately, don't leave to dry.

#### In case of inhalation

Ensure of fresh air.

(may be relevant for vapours of superheated product)

#### In case of skin contact

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### In case of ingestion

In case of indisposition seek for medical advice, show safety data sheet or product label

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

#### Physician's information / possible symptoms

No symptoms known so far.

#### Physician's information / possible dangers

Aspiration hazard when vomiting after swallow up

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

No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

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

Fire gas of organic material has to be classed invariably as respiratory poison.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

In case of rescue and maintenance activities in storage containers use environment-independent breathing apparatus because of risk of suffocation by edging out of air oxygen

Wear suitable personal protective equipment for fire extinguishing measures.



#### Additional information

Apply foam in large quantities because some of it is destroyed by the product.  
Collect contaminated firefighting water separately, must not be discharged into the drains.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ensure adequate ventilation.  
Avoid contact with skin and eyes  
High risk of slipping due to leakage/spillage of product.

#### For emergency responders

no special dangers known

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
Alert appropriate regulatory bodies.  
Do not discharge into the subsoil/soil.

### 6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.  
Take up mechanically and send for disposal.

#### Additional Information

no special dangers known

### 6.4. Reference to other sections

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8  
Emergency telephone number: see section 1

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Take the usual precautions when handling with chemicals.

#### General protective measures

Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

#### Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.  
Follow general rules of industrial hygiene for safe handling of chemical products  
Wash hands before breaks and after work.  
Use barrier skin cream.

#### Advice on protection against fire and explosion

The product is combustible.  
Pay attention to general rules of internal fire prevention.

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

#### Requirements for storage rooms and vessels

Prevent penetration into the ground.

#### Advice on storage compatibility

Do not store together with oxidising and self-inflammable materials.

#### Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.  
Protect from heat and direct solar radiation.  
Store in a dry place.  
Recommended storage temperature: room temperature.

**Storage group** 11

**Fire class** B



### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
128-37-0	2,6-Di-tert-butyl-p-kresol	8 hours	10 E	4(II)	DFG, Y, 11

#### Additional advice

This product as such does not contain any relevant ingredients with to be observed limited values  
As basis for this information served the valid references.

### 8.2. Exposure controls

#### Respiratory protection

Not required at determined application

#### Hand protection

nitrile gloves  
Neoprene gloves

#### Eye protection

safety goggles

#### Other protection measures

Usual working clothes for chemical industries

#### Appropriate engineering controls

Care for good room ventilation, exhaust system at workshop place if necessary

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

pasty

#### Colour

light brown

#### Odour

characteristic

#### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>					not applicable
<b>boiling range</b>	not applicable				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	> 220 °C				data refer to the base oil
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>					unknown
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	0,84 g/cm3	25 °C		DIN 51757	



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	Value	Temperature	at	Method	Remark
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					insoluble
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>					NLGI 2
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	The product as such is not explosive.				
<b>9.2. Other information</b>	No information available.				

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

none at appropriate handling and storage

### 10.5. Incompatible materials

#### Materials to avoid

No hazardous reactions known.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

### Thermal decomposition

Remark No decomposition if used as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>				not determined
<b>Irritability skin</b>	no irritating effects known			
<b>Irritability eye</b>	no irritating effects known			
<b>Skin sensitization</b>	No sensitizing effect known			

#### Experiences made from practice

no harmful effects at appropriate handling and determined usage

#### Additional information

No toxicological data available.

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

Value	Species	Method	Validation
<b>Fish</b>			not determined

### 12.2. Persistence and degradability

#### Biological

#### degradability

not determined

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

#### Behaviour in sewage plant

Product gets duly not into waste water before it is not treated according to the local regulations.

#### General regulation

Ecological dates are not available.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Recommendations for the product

Waste disposal in accordance with the relevant regulations.

#### Recommendations for packaging

Uncontaminated packaging may be taken for recycling.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

#### Recommended cleansing agent

Fat-dissolving agents

#### General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

## ! SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b>	none at appropriate handling and storage		
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	not applicable		
<b>Land and inland navigation transport ADR/RID</b>	No dangerous goods as defined by these transport regulations.		
<b>Marine transport IMDG</b>	No dangerous goods as defined by these transport regulations.		



**Air transport ICAO/IATA-DGR**

No dangerous goods as defined by these transport regulations.

**! Transport/further information**

No hazardous goods as defined by prescriptions

**SECTION 15: Regulatory information**

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

**National regulations**

**Water hazard class**

2

Mixture-WGK according to VwVwS (GER)

**15.2. Chemical Safety Assessment**

Chemical Safety Assessments for mixtures is not required.

**SECTION 16: Other information**

**Training advice**

Use information in this MSDS

**Recommended uses and restrictions**

usage only according to instructions for use and observance of warning notes

**Further information**

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

All the raw materials in this product are listed in DSL.

Refer to product information paper.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.2

**Sources of key data used**

Material Safety Data Sheets of raw materials

**Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)**

R 22 Harmful if swallowed.

R 34 Causes burns.

R 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

-?-

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.