



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

Printed 20.09.2015  
revision 20.04.2015 (GB) Version 1.8

**STABYL LX 460 SYN**

A01-03577

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

**1.1. Product identifier**

**Name of product**

STABYL LX 460 SYN

**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

**US Distributor**

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

**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**

**Additional hints**

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

**2.2. Label elements**

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

**Special rules for supplemental label elements for certain mixtures**

Contains Calcium Sulfonate . May cause allergic reactions.  
Safety data sheet available on request.

**2.3. Other hazards**

**Information pertaining to special dangers for human and environment**

Cold liquid may cause burns.

**SECTION 3: Composition/ information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Description**

Thickening system and additives in synthetic oil

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
	939-603-7	Calcium sulfonat	1 < 5	Xi;R43

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
	939-603-7	Calcium sulfonat	1 < 5	Skin Sens. 1, H317

**REACH**

CAS No	Name	REACH registration number
	Calcium sulfonat	01-2119978241-36



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#### **Additional advice**

We do not know of adverse reactions at storage and handling of the product in accordance with the prescribed procedures.

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### **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.

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

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

##### **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**

Refer to medical treatment.

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

No information available.

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

No information available.

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### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Alcohol-resistant foam

Dry powder

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**

Use breathing apparatus with independent air supply.

Wear suitable personal protective equipment for fire extinguishing measures.

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### **SECTION 6: Accidental release measures**

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

##### **For non-emergency personnel**

not necessary in general

##### **For emergency responders**

unknown

#### **6.2. Environmental precautions**

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

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

Take up mechanically and send for disposal.

##### **Additional Information**

unknown

#### **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

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special measures necessary if used correctly.

#### General protective measures

Avoid contact with eyes and skin

#### Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.

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 food.

#### Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.

Store in a dry place.

Recommended storage temperature: room temperature.

#### Information on storage stability

See technical information about storage of lubricants

**Storage group** 10

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 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

The choice of a suitable material for gloves depends not only on the material itself, but also on further quality characteristics.

The break through time depends on the mechanical stress imposed and must therefore be checked individually.

Protective 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

liquid

#### Colour

light brown

#### Odour

characteristic

#### Odour threshold



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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 range</b>					not determined
<b>Flash point</b>					not applicable
<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>					no
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	0,9 g/cm <sup>3</sup>	20 °C		DIN 51757	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					more or less 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 1-2
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	no				

**9.2. Other information**

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**

not determined

**10.5. Incompatible materials**

**Materials to avoid**

not determined



## 10.6. Hazardous decomposition products

### 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			

#### Additional information

No toxicological data available.

The product was classified on the basis of the calculation procedure of the directive 67/548/EEC (conventional method).

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

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

### 12.2. Persistence and degradability

No information available.

### 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.

Product swims on (waste-) water surface

#### General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Recommendations for the product

Disposal according to local authority prescriptions

#### Recommendations for packaging

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

#### 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
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user unknown			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 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.			
<b>Air transport ICAO/IATA-DGR</b>			
No dangerous goods as defined by these transport regulations.			
<b>Transport/further information</b>			
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

#### VOC standard

VOC content 0 %

#### 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  
National and local regulations concerning chemicals shall be observed.

### Further information

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

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

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: "I" = Data changed compared with the previous version. Previous version: 1.7

### Sources of key data used

Material Safety Data Sheets of raw materials  
data from supplier Safety Data Sheet

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

R 43 May cause sensitisation by skin contact.

H317 May cause an allergic skin reaction.