



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

Printed
revision

06.12.2015
27.04.2015 (GB) Version 2.3

STABYL L 120
A01-01875

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

1.1. Product identifier

Name of product

STABYL L 120

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

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

P273 Avoid release to the environment.

P501 Deposit substance /container

Special rules for supplemental label elements for certain mixtures

Enthält Reaktionsprodukte von Bis(4-methylpentan-2-yl)dithiophosphorsäure mit Phosphoroxid, Propylenoxid und Aminen, C12-14-alkyl (verzweigt).
Kann allergische Reaktionen hervorrufen.

2.3. Other hazards

Information pertaining to special dangers for human and environment

none at appropriate handling and storage

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
68457-79-4	272-028-3 270-608-0	Zinkalkyldithiophosphat Phosphorodithionsäure, gemischte O,O-Bis(isobutyl und pentyl)ester, Zinksalz	0,1 - 1 1 - 3	Xi; R41; N; R51/53 Xi;R38-41;N;R51/53
7173-62-8	230-528-9 931-384-6	(Z)-N-9-Octadecenylpropan-1,3-diamin Reaktionsprodukte von Bis(4-methylpentan-2-yl) dithiophosphorsäure mit Phosphoroxid, Propylenoxid und Aminen, C12-14-alkyl (verzweigt)	0,025 < 0,25 0,1 < 1	Xn; R22; Xi;R38-41-N;R50/53 Xn, R22-41-43-51/53
7620-77-1	231-536-5	Lithium 12-hydroxystearat	10 < 20	R52/53
CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68457-79-4	272-028-3 270-608-0	Zinkalkyldithiophosphat Phosphorodithionsäure, gemischte O,O-Bis(isobutyl und pentyl)ester, Zinksalz	0,1 - 1 1 - 3	Eye Dam. 1, H318 / Aquatic Chronic 2, H411 Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Aquatic Chronic 2, H411
7173-62-8	230-528-9	(Z)-N-9-Octadecenylpropan-1,3-diamin	0,025 < 0,25	Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Aquatic Acute 1, H400 (M=10 / Aquatic Chronic 1, H410 (M=10 / Acute Tox. 3, H301 / Met. Corr. 1, H290
	931-384-6	Reaktionsprodukte von Bis(4-methylpentan-2-yl) dithiophosphorsäure mit Phosphoroxid, Propylenoxid und Aminen, C12-14-alkyl (verzweigt)	0,1 < 1	Fiam. Liq.3, H226 / Eye Dam. 1, H318 / Aquatic Chronic 2, H411 / Acute Tox. 4, H302 / Skin Sens.1, H317

REACH

CAS No	Name	REACH registration number
68457-79-4	Phosphorodithionsäure, gemischte O,O-Bis(isobutyl und pentyl)ester, Zinksalz	01-2119493628-22

Additional advice

Enthält Aminphosphat. Kann allergische Reaktionen hervorrufen.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.
Call doctor in case of indisposition

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

Call doctor in case of indisposition
Do not induce vomiting.

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry fire-extinguishing substance
Carbon dioxide

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.

Additional information

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

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

After taking up the material dispose according to regulation.
Take up mechanically and send for disposal.

Additional Information

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation.

General protective measures

Avoid contact with eyes and skin

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
At work do not eat, drink and smoke.
Wash hands before breaks and after work.
Use barrier skin cream.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.
Don't store in staircases and passage-ways

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.

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/m ³]	[ppm]	Remark
	Mineralöl	8 hours	5		US-OSHA PEL-Wert

Additional advice

As basis for this information served the valid references.

8.2. Exposure controls

Respiratory protection

Not required at determined application

Hand protection

As the product is a preparation of several substances, the actual resistance of the materials used for gloves cannot be scientifically calculated; it is therefore mandatory to check this before using the product.

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

PVC gloves

nitrile 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

brown

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value					not applicable
boiling range					not applicable
drop point	190 °C				
Flash point	> 100 °C				data refer to the base oil
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature					unknown



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	Value	Temperature	at	Method	Remark
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,91 g/cm ³	25 °C		DIN 51757	
Vapour density	not determined				
Solubility in water					insoluble
Solubility/other				mineral oil	
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	not determined				
Oxidising properties	no				
Explosive properties	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

Heating, unshielded flame, ignition source, electrostatic charge

10.5. Incompatible materials

Materials to avoid

Reactions with strong oxidising agents.

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
LD50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation



	Value/Validation	Species	Method	Remark
Irritability eye	no irritating effects known			
Skin sensitization	No sensitizing effect known			
Experiences made from practice Frequent contact specially if dried out may cause skin and eye irritations. 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 directive 67/548/EEC (conventional method).				

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

Value	Species	Method	Validation
Fish			not determined

12.2. Persistence and degradability

Biological degradability	not determined
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12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely. preparation is water insoluble and does not formate emulsion

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 swims on (waste-) water surface
Due to its poor water solubility the product can be separated mechanically in biological sewage plants.

General regulation

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

Totally emptied packaging may be taken for recycling.
Dispose one-trip container according to local authority prescriptions

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	-	-	-



	ADR/RID	IMDG	IATA-DGR
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user No information available.			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.			
Land and inland navigation transport ADR/RID No dangerous goods as defined by these transport regulations.			
Marine transport IMDG No hazardous goods as defined by prescriptions			
Air transport ICAO/IATA-DGR 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 1 Mixture-WGK according to VwVwS (GER)

15.2. Chemical Safety Assessment

No information available.

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

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

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

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: 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 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 43 May cause sensitisation by skin contact.

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

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 (M=10



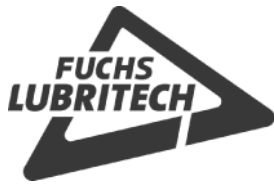
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H410 (M=	-?-
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.