

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Name of product** STABYLAN 6020**1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended intended purpose(s)**

Lubrication oil

**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.deUS 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**

N; R51/53

**R-phrases**

51/53 Toxic 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

Aquatic Chronic 2

H411

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

GHS09

**Hazard Statements**

H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statements**P273 Avoid release to the environment.  
P391 Collect spillage.  
P501 Dispose of contents/container to ...**! Special rules for supplemental label elements for certain mixtures**Contains Phenyl-Naphthylamin . May cause an allergic reaction.  
Enthält Trikresylphosphat . Kann allergische Reaktionen hervorrufen.**2.3. Other hazards**

No information available.

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

Mixture of synthetic oils with additives

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
90-30-2	201-983-0	N-Phenyl-1-naphthylamin	0,1 < 1	Xn R22, Xi R43, N R50/53
68411-46-1	270-128-1	Anilin, N-Phenyl-, Reaktionsprodukte mit 2,4,4-Trimethylpenten	1 - 2,4	R52/53
1330-78-5	215-548-8	Trikresylphosphat	1 - 2,4	Xn; R62; N; R50/53
26446-73-1		Bis(methylphenyl)phenylphosphat	0,1 < 1	N; R51/53

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
90-30-2	201-983-0	N-Phenyl-1-naphthylamin	0,1 < 1	Acute Tox. 4 oral, H302 / Skin Sens. 1, H317 / STOT RE 2, H373 / Aquatic Chronic. 1, H410 / Aquatic Acute 1, H400
68411-46-1	270-128-1	Anilin, N-Phenyl-, Reaktionsprodukte mit 2,4,4-Trimethylpenten	1 - 2,4	Aqu. chron. 3, H412
1330-78-5	215-548-8	Trikresylphosphat	1 - 2,4	Repr. Cat.2, H361fd / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410 /
26446-73-1		Bis(methylphenyl)phenylphosphat	0,1 < 1	Aquatic Chronic 2, H411

#### REACH

CAS No	Name	REACH registration number
1330-78-5	Trikresylphosphat	2119531335-46

#### Additional advice

Contains N-Phenyl-1-naphthylamine. May cause allergic reactions.

## 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 the event of symptoms refer for medical treatment.

(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.

Don't use organic solvents

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

Do not induce vomiting.

Refer to medical treatment.

### 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.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam  
Dry powder  
Carbon dioxide  
sand  
water mist

#### 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

Collect contaminated firefighting water separately, must not be discharged into the drains.

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## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ensure adequate ventilation.  
Avoid skin contact to draining liquid  
High risk of slipping due to leakage/spillage of product.

#### For emergency responders

Umweltgefährlich

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
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 with absorbent material (e.g. general-purpose binder).

#### Additional Information

Umweltgefährlich

### 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

Avoid formation of oil dust.  
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  
At work do not eat, drink and smoke.  
Remove soaked clothing immediately.  
Keep away from food and drink.



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.

**Information on storage stability**

In enclosed original container and at storage temperature of 25°C maximum product keeps stabile for at least 5 years

**Storage group** 11

**Fire class** B

**7.3. Specific end use(s)**

**Recommendation(s) for intended use**

see Product information

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Additional advice**

As basis for this information served the valid references.

**8.2. Exposure controls**

**Respiratory protection**

Not required at determined application

**Hand protection**

PVC gloves

**Eye protection**

tightly fitting goggles, in case of splashing

**Other protection measures**

Usual working clothes for chemical industries

**Appropriate engineering controls**

Do not inhale aerosols caused by spraying application  
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**

gelb - rot

**Odour**

hardly noticeable

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>					not applicable

	Value	Temperature	at	Method	Remark
<b>Boiling temperature / boiling range</b>	not determined				
<b>pourpoint</b>	-39 °C			ASTM D 97	
<b>Flash point</b>	> 290 °C			DIN/ISO 2592	
<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>	0,98 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 kinematic</b>	ca. 120 - 140 mm <sup>2</sup> /s	40 °C			
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	no				
<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

Reactions with strong acids and alkalies.  
Reactions with strong oxidising agents.

**10.6. Hazardous decomposition products**

none at appropriate handling and storage

**Thermal decomposition**

Remark No decomposition if used as directed.

**Additional information**

All oil ingredients show very low reactivity at ambient temperature.

**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>				frequent and/or persistent contact may cause skin irritation
<b>Irritability eye</b>	may have irritating effect			if splash reaches eye
<b>Skin sensitization</b>	May have sensitizing effect.			

**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 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**

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

**General regulation**

Ecological data are not available.

Product is not allowed to be discharged into the ground water or aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste code No.**  
13 02 06\*

**Name of waste**  
synthetic engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

### Recommendations for the product

German statutes are prescribed in the law of "recycling and waste" (KrW/AbfG) used absorbents of chapter 6: EAK 07 06 10

### Recommendations for packaging

Totally emptied packaging may be taken for recycling.  
Dispose one-trip container according to local authority prescriptions  
EAK 15 01 10: packing material with harmful contamination

### General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste  
Therefore the a.m. recommendation has to be checked in case of need.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	3082	3082	3082
<b>14.2. UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trikesylphosphat)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trikesylphosphat)	Environmentally hazardous substance, liquid, n.o.s. (Trikesylphosphat)
<b>14.3. Transport hazard class(es)</b>	9	9	9
<b>14.4. Packing group</b>	III	III	III
<b>14.5. Environmental hazards</b>	No	No	No

### 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

Hazard label(s) 9  
tunnel restriction code E  
Classification code M6

## 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**

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 "!" on the left margin of the paper.

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.7

**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 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.

R 62 Possible risk of impaired fertility.

-?-

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H361fd Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

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.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.