

# Safety Data Sheet

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



**Trade name :** TURMOXYGEN LC 40 FLUID  
**Revision date :** 31.01.2023  
**Print date :** 31.01.2023

**Version (Revision) :** 1.4.0 (1.3.0)

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

### 1.1 Product identifier

TURMOXYGEN LC 40 FLUID

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses

##### Product Categories [PC]

PC24 - Lubricants, greases, release products

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Lubricant Consult GmbH

**Street :** Gutenbergstraße 13

**Postal code/city :** 63477 MAINTAL (GERMANY)

**Telephone :** +49 6109/7650-0

**Telefax :** +49 6109/7650-51

**E-mail :** msds-request@lubcon.com

**Information contact :** Environment, Health & Safety: Dr. Rüdiger Hofmann

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

+49 6109/7650-0

Monday to Friday 8:00 AM to 4:00 PM (CET)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

None

### 2.2 Label elements

None

### 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

None

#### Further ingredients

Silicone oil

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

# Safety Data Sheet

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



**Trade name :** TURMOXYGEN LC 40 FLUID  
**Revision date :** 31.01.2023  
**Print date :** 31.01.2023

**Version (Revision) :** 1.4.0 (1.3.0)

## Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. In case of respiratory tract irritation, consult a physician.

## In case of skin contact

Change contaminated, saturated clothing. Wash immediately with: Water and soap In case of skin irritation, consult a physician.

## After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

## After ingestion

Rinse mouth thoroughly with water. When in doubt or if symptoms are observed, get medical advice.

## 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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

ABC-powder. BC-powder. Foam. Carbon dioxide (CO<sub>2</sub>). Dry sand.

#### Unsuitable extinguishing media

Water. Strong water jet. High power water jet.

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

Gases/vapours, harmful.

#### Hazardous combustion products:

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Silicon dioxide (SiO<sub>2</sub>). Formaldehyde.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

Use suitable breathing apparatus.

### 5.4 Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## SECTION 6: Accidental release measures

Special danger of slipping by leaking/spilling product.

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

Keep away from sources of ignition - No smoking.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Ensure waste is collected and contained. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

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

Take up mechanically, placing in appropriate containers for disposal. Soak up inert absorbent and dispose as waste requiring special attention. Suitable material for taking up: Universal binder. Kieselguhr.

### 6.4 Reference to other sections

None

# Safety Data Sheet

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



**Trade name :** TURMOXYGEN LC 40 FLUID  
**Revision date :** 31.01.2023  
**Print date :** 31.01.2023

**Version (Revision) :** 1.4.0 (1.3.0)

## SECTION 7: Handling and storage



### 7.1 Precautions for safe handling

It is recommended to design all work processes always so that the following is excluded: Generation/formation of mist. Avoid: Inhalation of vapours or spray/mists Skin contact. Eye contact. Wash hands before breaks and after work.

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

#### Hints on joint storage

**Storage class :** 12

**Storage class (TRGS 510) :** 12

#### Keep away from

Food and feedingstuffs.

#### Further information on storage conditions

Keep/Store only in original container. Keep container tightly closed. Protect against Humidity. Dust deposits.

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

Keep away from: Food and feedingstuffs. Wash hands before breaks and after work. Separate storage of work clothes. Take the precautions customary when handling chemicals.

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

Eye protection: not required. Avoid: Eye contact.

##### Recommended eye protection articles

DIN EN 166

##### Skin protection

###### Hand protection

Hand protection is not required

**By long-term hand contact :** Wear suitable gloves.

**Suitable material :** PE (Polyethylene). NR (natural rubber, natural latex). NBR (Nitrile rubber). BR (Butyl caoutchouc, butyl rubber).

**Breakthrough time (maximum wearing time) :** PE > 480 min.; NR > 480 min.; CR > 480 min.; NBR > 480 min.; BR > 480 min.

**Thickness of the glove material :** min. 0,38 mm

**Recommended glove articles :** EN ISO 374; DIN EN 420 Uvex. KCL, MAPA. Or comparable articles from other companies.

##### Respiratory protection

No special measures are necessary. Avoid: Inhalation of vapours or spray/mists

## SECTION 9: Physical and chemical properties

# Safety Data Sheet

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



Trade name : TURMOXYGEN LC 40 FLUID  
Revision date : 31.01.2023  
Print date : 31.01.2023

Version (Revision) : 1.4.0 (1.3.0)

## 9.1 Information on basic physical and chemical properties

Colour : clear

### Safety relevant basis data

Physical state :			liquid
Solidifying point :	( 1013 hPa )	<	-35 °C
Initial boiling point and boiling range :	( 1013 hPa )	>	300 °C
Decomposition temperature :	( 1013 hPa )	>	300 °C
Flash point :	( 1013 hPa )	>	250 °C
Vapour pressure :	( 50 °C )	<	0,1 hPa
Density :	( 20 °C )	=	1,07 g/cm <sup>3</sup>
Viscosity :	( 25 °C )	=	200 mm <sup>2</sup> /s
Viscosity :	( 40 °C )	=	132 mm <sup>2</sup> /s
Viscosity :	( 100 °C )	=	38 mm <sup>2</sup> /s

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is stable.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

Formaldehyde. Carbon dioxide. Silicon dioxide (SiO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute effects

By analogy:

##### Acute oral toxicity

Parameter :	LD50
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg

##### Acute dermal toxicity

Parameter :	LD50
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 5000 mg/kg

### 11.2 Information on other hazards

No information available.

# Safety Data Sheet

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



Trade name : TURMOXYGEN LC 40 FLUID  
Revision date : 31.01.2023  
Print date : 31.01.2023

Version (Revision) : 1.4.0 (1.3.0)

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

#### Biodegradation

Overall evaluation on the mixture: Poorly biodegradable.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

Endocrine disrupting potential: None known.

### 12.7 Other adverse effects

This product does not contain nanoparticles.

### 12.8 Overall evaluation

If product enters soil, it will be mobile and may contaminate groundwater. Do not allow to enter into surface water or drains. In accordance with the required stability the product is poorly biodegradable.

## SECTION 13: Disposal considerations

Dispose according to legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### 13.1 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Collect the waste separately. Evidence for disposal must be provided.

#### Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product

13 02 06 - Synthetic engine, gear and lubricating oils or 07 02 17 - Waste containing silicones other than those mentioned in 07 02 16

##### Waste code packaging

15 01 10 - Packaging containing residues of or contaminated by hazardous substances.

## SECTION 14: Transport information

### 14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** TURMOXYGEN LC 40 FLUID  
**Revision date :** 31.01.2023  
**Print date :** 31.01.2023

**Version (Revision) :** 1.4.0 (1.3.0)

### 14.6 Special precautions for user

None

### 14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

## SECTION 15: Regulatory information

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

#### National regulations

##### Restrictions of occupation

Not relevant

##### Störfallverordnung

Not subject to StörfallVO.

##### Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

##### Other regulations, restrictions and prohibition regulations

###### Switzerland

###### VOCV-Regulation

Volatile organic compounds (VOC) content in percent by weight : 0 %

##### Additional information

###### TSCA (Toxic Substances Control Act) - USA, United States of America

All chemical substances in this mixture are included on or are exempted from listing on the TSCA Inventory for Chemical Substances.

###### California Proposition 65 - State of California

Based on available information this product does not contain any components or chemicals currently known to the State of California to cause cancer, birth defects or reproductive harm at levels which would be subject to Proposition 65.

### 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

13. Waste codes/waste designations according to EWC/AVV · 15. National regulations

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The statement is derived from the properties of the single components.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

None

### 16.6 Training advice

None

### 16.7 Additional information

None

# Safety Data Sheet

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



**Trade name :** TURMOXYGEN LC 40 FLUID  
**Revision date :** 31.01.2023  
**Print date :** 31.01.2023

**Version (Revision) :** 1.4.0 (1.3.0)

---

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---