

# BRILUBE<sup>®</sup>40

## S A F E T Y D A T A S H E E T

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	Brilube 40
PRODUCT NO.	400004363
APPLICATION	Protective coating.
SUPPLIER	Fuchs Lubricants (UK) plc. New Century Street, Hanley, Stoke-on-Trent, Staffordshire ST1 5HU
EMERGENCY	(0044) 1782 202072
FURTHER INFORMATION	Product safety department

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

#### CHEMICAL CHARACTERIZATION

#### DESCRIPTION

Mixture of substances listed below with nonhazardous additions.

#### DA

DANGEROUS COMPONENTS:			
CAS: 64742-88-7	Petroleum distillate	Xn, N; R10-51/53-65-66	25-50%
EINECS; 265-191-7			

#### ADDITIONAL INFORMATION:

For the wording of the listed risk phrases refer to section 16.

### 3 HAZARDS IDENTIFICATION

#### HAZARD DESCRIPTION:



Not Dangerous for the environment.

#### INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 10 Flammable.

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

#### CLASSIFICATION SYSTEM:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

# BRILUBE® 40

## 4 FIRST-AID MEASURES

### INHALATION

Supply fresh air; consult doctor in case of complaints.

### INGESTION

**DO NOT INDUCE VOMITING**; call for medical help immediately.

### SKIN CONTACT

Generally the product does not irritate the skin.

### EYE CONTACT

Rinse opened eye for several minutes under running water.

## 5 FIRE-FIGHTING MEASURES

### SUITABLE EXTINGUISHING AGENTS:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### FOR SAFETY REASONS UNSUITABLE EXTIGUISHING AGENTS:

Water with full jet.

### PROTECTIVE EQUIPMENT:

No special measures required.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSON-RELATED SAFETY PRECAUTIONS

Wear protective equipment. Keep unprotected persons away.

### MEASURES FOR ENVIRONMENTAL PROTECTION

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

### MEASURES FOR CLEANING/COLLECTING:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

## 7 HANDLING AND STORAGE

### HANDLING:

#### INFORMATION FOR SAFE HANDLING

Prevent formation of aerosols.

#### INFORMATION ABOUT FIRE-AND EXPLOSION PROTECTION

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

### STORAGE:

#### REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES

No special requirements.

#### INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY

Store away from oxidizing agents.

#### FURTHER INFORMATION ABOUT STORAGE CONDITIONS

Keep container tightly sealed.

# BRILUBE® 40

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL FACILITIES:

No further data; see item 7.

### INGREDIENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### ADDITIONAL INFORMATION:

The lists valid during the making were used as basis.

### PERSONAL PROTECTIVE EQUIPMENT:

#### GENERAL PROTECTIVE AND HYGIENIC MEASURES:

Wash hands before breaks and at the end of work.

#### RESPIRATORY PROTECTION:

Not required.

#### HAND PROTECTION

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### MATERIAL OF GLOVES:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### PENETRATION TIME OF GLOVE MATERIAL

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### EYE PROTECTION

Tightly sealed goggles



## 9 PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	
FORM	Fluid
COLOUR	Colourless
ODOUR	Like aromatic solvents
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE	Undetermined
BOILING POINT/BOILING RANGE	Undetermined
FLASH POINT	40°C

# BRILUBE® 40

## 9 PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	
SELF-IGNITING	product is not selfigniting.
DANGER OF EXPLOSION	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
EXPLOSION LIMITS:	
LOWER:	0.9 Vol %
UPPER:	8.0 Vol %
DENSITY AT 20°C:	0.84 g/cm <sup>3</sup>
SOLUBILITY IN/MISCIBILITY WITH	
WATER:	Not miscible or difficult to mix.
VISCOSITY::	
KINEMATIC AT 40°C::	>7 cSt (DIN 53211/4)
SOLVENT CONTENT:	
ORGANIC SOLVENTS:	45.0%
VOC (EC)	45.0%

## 10 STABILITY AND REACTIVITY

### THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED

No decomposition if used according to specifications.

### DANGEROUS REACTIONS

No dangerous reactions known.

### DANGEROUS DECOMPOSITION PRODUCTS

Carbon monoxide and carbon dioxide.

## 11 TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY:

LD/LC50 VALUES RELEVANT FOR CLASSIFICATION		
64742-88-7 PETROLEUM DISTILLATE		
ORAL	LD50	>6500 mg/kg (rat)
DERMAL	LD50	>3000 mg/kg (rab)
INHALATIVE	LC50/4 h	>14 mg/l (rat)

### PRIMARY IRRITANT EFFECT:

#### SKIN CONTACT

No irritating effect.

#### EYE CONTACT

No irritating effect.

#### SENSITIZATION

No sensitizing effects known.

# BRILUBE® 40

## 12 ECOLOGICAL INFORMATION

### ECOTOXICAL EFFECTS:

#### REMARK:

Toxic for fish

#### GENERAL NOTES:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms.

## 13 DISPOSAL CONSIDERATIONS

### PRODUCT:

#### RECOMMENDATION

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### UNCLEANED PACKAGING:

#### RECOMMENDATION:

Disposal must be made according to official regulations.

## 14 TRANSPORT INFORMATION

### LAND TRANSPORT ADR/RID (cross-border)



ADR/RID CLASS:	3 Flammable liquids.
DANGER CODE (Kemler):	30
UN-NUMBER:	1300
PACKAGING GROUP:	III
HAZARD LABEL:	3
DESCRIPTION OF GOODS	1300 Turpentine Substitute, mixture

### MARITIME TRANSPORT IMDG:



IMDG CLASS:	3
UN NUMBER:	1300
LABEL:	3
PACKAGING GROUP:	III
EMS NUMBER:	F-E,S-E
MARINE POLLUTANT:	No
PROPER SHIPPING NAME:	Turpentine Substitute, mixture

# BRILUBE® 40

## 14 TRANSPORT INFORMATION

AIR TRANSPORT ICAO-TI AND IATA-DGR:



ICAO/IATA CLASS:	3
UN/ID-NUMBER:	1300
LABEL:	3
PACKAGING GROUP:	III
PROPER SHIPPING NAME:	Turpentine Substitute, mixture

## 15 REGULATORY INFORMATION

**LABELLING ACCORDING TO EU GUIDELINES:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

**CODE LETTER AND HAZARD DESIGNATION OF PRODUCT:**

N Dangerous for the environment.

**RISK PHRASES:**

10 Flammable.

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

**SAFETY PHRASES:**

43 In case of fire, use ... (indicate in the space the precise type of fire-fighting equipment. If water increases risk, add 'Never use water').

62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**NATIONAL REGULATIONS:**

Class	Share in%
NK	45.0

## 16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**RELEVANT R-PHRASES**

10 Flammable.

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

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

**DEPARTMENT ISSUING MSDS:**

Product safety department.

**CONTACT:**

Gordon Sharp

**BRIDON**

# BRILUBE<sup>®</sup>40



## DISCLAIMER

The information provided only relates to the product or material specified and does not apply if used in combination with other materials. The data sheet gives information to the best of Fuchs Lubricants UK knowledge and awareness as of the date of issue. If you have purchased this product for supply to a third party for a use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. If you are an employer, it is your duty to inform your employees and others who may be affected by any of the hazards described in this sheet and any precautions which should be taken.