

# BRILUBE<sup>®</sup> 30

## 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 30
PRODUCT NO.	400004356
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.

DANGEROUS COMPONENTS:			
CAS: 64742-82-1 EINECS: 265-185-4	Turpentine substitute	☒ Xn, ☒ N; R10-51/53-65-66	50-100%
CAS: 160901-10-0	Oxidised lanolin fatty acids	☒ Xi; R 36	≤ 2.5%
CAS: 123-42-2 EINECS: 204-626-7	Diacetone alcohol	☒ Xi; R 36	≤ 2.5%
CAS: 57855-77-3	Calcium sulphate	☒ Xi; R 36/38	≤ 2.5%

#### ADDITIONAL INFORMATION:

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

### 3 HAZARDS IDENTIFICATION

#### HAZARD DESCRIPTION:



N 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.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

R 10 Flammable.

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

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## 3 HAZARDS IDENTIFICATION

R 66 Repeated exposure may cause skin dryness or cracking.

### CLASSIFICATION SYSTEM:

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

## 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. Then consult a doctor.

## 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).

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## 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:

Not required.

#### FURTHER INFORMATION ABOUT STORAGE CONDITIONS:

Keep container tightly sealed.

## 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

##### 123-42-2 DIACETONE ALCOHOL

OES	Short-term value: 362 mg/m <sup>3</sup> , 75 ppm
	Long-term value: 241 mg/m <sup>3</sup> , 50 ppm

#### ADDITIONAL INFORMATION:

The lists valid during the making were used as basis.

#### PERSONAL PROTECTIVE EQUIPMENT:

#### GENERAL PROTECTIVE AND HYGENIC MEASURES:

Wash hands before breaks and at the end of work.

#### RESPIRATORY PROTECTION:

Not required

#### HAND PROTECTION:



Protective gloves.

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.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 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 through 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:	Brown
ODOUR:	Like aromatic solvents

### CHANGE IN CONDITION

MELTING POINT/MELTING RANGE:  
Undetermined

BOILING POINT/BOILING RANGE:  
> 150°C

FLASH POINT: 40°C

SELF-IGNITING Product is not selfigniting

DANGER OF EXPLOSION: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

DENSITY AT 20°C: 0.82 g/cm<sup>3</sup>

### SOLUBILITY IN/MISCIBILITY WITH

WATER: Not miscible or difficult to mix

### SOLVENT CONTENT:

ORGANIC SOLVENTS: 0.0 Vol %

VOC (EC) 0.0 Vol %

SOLIDS CONTENT: 97.5 Vol %

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## 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:

### PRIMARY IRRITANT EFFECT:

SKIN CONTACT No irritant effect.

EYE CONTACT No irritant effect.

SENSITIZATION No sensitizing effects known.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICAL EFFECTS:

### REMARK:

Toxic for fish

### GENERAL NOTES:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

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.

**BRILUBE®30****14** TRANSPORT INFORMATION

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



ADR/RID CLASS:	3 FLAMMABLE LIQUIDS.
DANGER CODE (Kemler):	30
UN-NUMBER:	1993
PACKAGING GROUP:	III
HAZARD LABEL:	3
DESCRIPTION OF GOODS	1993 FLAMMABLE LIQUID, N.O.S. (Turpentine substitute), special provision 640E

## MARITIME TRANSPORT IMDG:



IMDG CLASS:	3
UN-NUMBER:	1993
PACKAGING GROUP:	III
HAZARD LABEL:	3
EMS NUMBER:	F-E,S-E
MARINE POLLUTANT:	No
PROPER SHIPPING NAME:	FLAMMABLE LIQUID, N.O.S. (Turpentine substitute)

## AIR TRANSPORT ICAO-TI AND IATA-DGR:



ICAO/IATA CLASS:	3
UN/ID NUMBER:	1993
LABEL:	3
PACKAGING GROUP:	III
PROPER SHIPPING NAME:	FLAMMABLE LIQUID, N.O.S. (Turpentine substitute)

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## 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.
- 66 Repeated exposure may cause skin dryness or cracking.

### SAFETY PHRASES:

- 37 Wear suitable gloves.
- 51 Use only in well-ventilated areas.
- 57 Use appropriate container to avoid environmental contamination.
- 61 Avoid release to the environment. Refer to special instructions/safety data sheets.

### NATIONAL REGULATIONS:

Class	Share in%
NK	2.5

## 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.
- 36 Irritating to eyes.
- 36/38 Irritating to eyes and skin.
- 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

### 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 the 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.