

BRILUBE[®] 30 AEROSOL

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 Aerosol
PRODUCT NO.	800003171
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: 64742-88-1 EINECS: 265-185-4	Turpentine substitute	☒ Xn, ☒ N; R10-51/53-65-66	25-50%
CAS: 74-98-6 EINECS: 200-827-9	Propane	☒ F+; R 12	10-25%
CAS: 106-97-8 EINECS: 203-448-7	Butane	☒ F+; R 12	2.5-10%
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 sulphonate	☒ Xi; R 36/38	≤ 2.5%
CAS: 75-28-5 EINECS: 200-857-2	Isobutane	☒ F+; R 12	≤ 2.5%

ADDITIONAL INFORMATION:

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

3 HAZARDS IDENTIFICATION

HAZARD DESCRIPTION:



F+ Extremely flammable



N Dangerous for the environment

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3 HAZARDS IDENTIFICATION

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.

Warning! Pressurized container.

R 12 Extremely flammable.

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

R 66 Repeated exposure may cause skin dryness or cracking.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

30.0 % by mass of the contents are flammable

Keep out of the reach of children

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.

5 FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

FOR SAFETY REASONS UNSUITABLE EXTINGUISHING AGENTS:

Water with full jet.

PROTECTIVE EQUIPMENT:

No special measures required.

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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:

Ensure adequate ventilation.

7 HANDLING AND STORAGE

HANDLING:

INFORMATION FOR SAFE HANDLING

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

INFORMATION ABOUT FIRE-AND EXPLOSION PROTECTION

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY

Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS

Keep container tightly sealed.

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

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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	
74-98-6 PROPANE	
OES	Asphyxiant
106-97-8 BUTANE	
OES	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm
123-42-2 DIACETONE ALCOHOL	
OES	Short-term value: 362 mg/m ³ , 75 ppm Long-term value: 241 mg/m ³ , 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.

Do not inhale dust / smoke / mist.

RESPIRATORY PROTECTION

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Use suitable respiratory protective device in case of insufficient ventilation.

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

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

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9 PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	
FORM:	Aerosol
COLOUR:	Light yellow
ODOUR:	Like aromatic solvents
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE:	Undetermined
BOILING POINT/BOILING RANGE:	Not applicable, as aerosol
FLASH POINT:	-100°C
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	1.7 Vol %
UPPER	9 Vol %
DENSITY:	Not determined
SOLUBILITY IN/MISCIBILITY WITH	
WATER:	Not miscible or difficult to mix
SOLVENT CONTENT:	
VOC (EC)	27.50%

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.

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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.

14 TRANSPORT INFORMATION

LAND TRANSPORT ADR/RID (cross-border)



ADR/RID CLASS:	2.5F Gases.
DANGER CODE (Kemler):	23
UN-NUMBER:	1950
PACKAGING GROUP:	-
HAZARD LABEL:	2.1
DESCRIPTION OF GOODS	1950 Aerosols

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14 TRANSPORT INFORMATION

MARITIME TRANSPORT IMDG:



IMDG CLASS:	2.1
UN-NUMBER:	1950
PACKAGING GROUP:	-
HAZARD LABEL:	2.1
EMS NUMBER:	F-D,S-U
MARINE POLLUTANT:	No
PROPER SHIPPING NAME:	Aerosols

AIR TRANSPORT ICAO-IT AND IATA-DGR:



ICAO/IATA CLASS:	2.1
UN/ID NUMBER:	1950
LABEL:	2.1
PACKAGING GROUP:	-
PROPER SHIPPING NAME:	Aerosols, flammable

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:

F+	Extremely flammable
N	Dangerous for the environment.

RISK PHRASES:

12	Extremely 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:

2	Keep out of the reach of children.
16	Keep away from sources of ignition - No smoking.
23	Do not breathe smoke.
37	Wear suitable gloves.
51	Use only in well-ventilated areas.
60	This material and its container must be disposed of as hazardous waste.

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15 REGULATORY INFORMATION

SPECIAL LABELLING OF CERTAIN PREPARATIONS:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

30.0 % by mass of the contents are flammable.

Keep out of the reach of children.

NATIONAL REGULATIONS:

Class	Share in%
NK	30.0

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.
- 12 Extremely 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.