

BRILUBE[®] 50

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 50
PRODUCT NO.	600026028
APPLICATION	Hydraulic fluid.
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:

CAS No. Description.
HIGHLY REFINED MINERAL OIL
Identification number(s).

3 HAZARDS IDENTIFICATION

HAZARD DESCRIPTION:

Not applicable

INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:

Not applicable

4 FIRST-AID MEASURES

GENERAL INFORMATION

No special measures required.

INHALATION

Supply fresh air; consult doctor in case of complaints.

INGESTION

If symptoms persist consult doctor.

SKIN CONTACT

Generally the product does not irritate the skin.

EYE CONTACT

Rinse opened eye for several minutes under running water.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE EQUIPMENT

No special measures required.

6 ACCIDENTAL RELEASE MEASURES

PERSON-RELATED SAFETY PRECAUTIONS

Not required

ENVIRONMENTAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

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

ADDITIONAL INFORMATION

No dangerous substances are released.

7 HANDLING AND STORAGE

HANDLING:

INFORMATION FOR SAFE HANDLING

Prevent formation of aerosols.

INFORMATION ABOUT FIRE-AND EXPLOSION PROTECTION

No special measures required.

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

None.

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

HIGHLY REFINED MINERAL OIL

OEL	Short-term value: 10mg/m ³
	Long-term value: 5mg/m ³

ADDITIONAL INFORMATION:

The lists valid during the making were used as basis.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

GENERAL PROTECTIVE AND HYGIENIC MEASURES:

The usual precautionary measures are to be adhered to when handling chemicals.

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.

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

Goggles recommended during refilling.

9 PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	
FORM	Fluid
COLOUR	Amber coloured
ODOUR	Mineral-oil-like
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE	Undetermined
BOILING POINT/BOILING RANGE	Undetermined
FLASH POINT	> 100°C
IGNITION TEMPERATURE	> 250°C
DANGER OF EXPLOSION	Product does not present an explosion hazard
DENSITY AT 20°C	0.88g/cm ³
SOLUBILITY IN/MISCIBILITY	
WITH WATER:	Not miscible or difficult to mix
VISCOSITY:	
KINEMATIC AT 20°C	68 cSt (DIN 53211/4)
SOLVENT CONTENT:	
ORGANIC SOLVENTS:	0.0%
VOC (EC)	0.00%

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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 irritating effect.

EYE CONTACT

No irritating effect.

SENSITIZATION

No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

12 ECOLOGICAL INFORMATION

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.

13 DISPOSAL CONSIDERATIONS

PRODUCT:

RECOMMENDATION

Contact waste processors for recycling information.

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.

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14 TRANSPORT INFORMATION

Land transport ADR/RID (cross-border) ADR/RID class: -
Maritime transport IMDG: IMDG Class: - Marine pollutant: No
Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: -

15 REGULATORY INFORMATION

LABELLING ACCORDING TO EU GUIDELINES:

The substance is not subject to classification according to EU lists and other sources of literature known to us.

Observe the general safety regulations when handling chemicals.

SPECIAL LABELLING OF CERTAIN PREPARATIONS:

Safety data sheet available for professional user on request.

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.

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 RS Clare & Co Ltd 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.