

Safety Data Sheet

TL 011

Revision date: 2010-05-29

according to regulation 1907/2006/EC

Print date: 2013-03-25

1 Identification of the substances / Preparation and the company

Product name:	TL 011
Use of the substance/preparation	Lubricant / Operating Fluid
Manufacturer/Supplier:	PFEIFFER VACUUM GmbH Berliner Strasse 43 D-35614 Asslar Telefon ++49 6441/1802-0 Telefax ++49 6441/1802-202 www.pfeiffer-vacuum.net Email: info@pfeiffer-vacuum.de
Emergency telephone number:	Tel.: ++49 228/19240

2 Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Not classified
Classification according to Directive 67/548/EEC or 1999/45/EC	Not classified
Adverse physico-chemical, human health and environmental effects	No additional information available

Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]	No labelling applicable
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Other hazards

No additional information available

3 Composition / Information on Ingredients

Substances

Not applicable

Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

4 First Aid Measures

Description of first aid measures

First-aid measures general:	If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice (show the label where possible).
First-aid measures after skin contact:	If on skin: Wash with plenty of soap and water. Seek medical advice (show the label where possible).
First-aid measures after eye contact:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice (show the label where possible).
First-aid measures after ingestion:	If swallowed: Rinse mouth. Do not induce vomiting. Seek medical advice (show the label where possible).

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation:	At high concentrations, the vapours can be irritating to the respiratory system.
Symptoms/injuries after skin contact:	Repeated exposure may cause skin dryness or cracking, irritation (itching, redness, blistering).
Symptoms/injuries after eye contact:	Eye irritation.
Symptoms/injuries after ingestion:	Possible irritation of mucous membranes and digestive tract, nausea, vomiting.

Indication of any immediate medical attention and special treatment needed

No additional information available

5 Firefighting Measures

Extinguishing media

Suitable extinguishing media: Water spray. Foam. Dry powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Strong water jet.

Special hazards arising from the substance or mixture

Fire hazard: On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO₂).

Reactivity: Stable at ambient temperature and under normal conditions of use.

Advice for firefighters

Precautionary measures fire: Protective equipment.

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

General measures: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

For non-emergency personnel

Protective equipment: See Headings 7 and 8.

Emergency procedures: For a large spillage, contain the spillage by bunding.

For emergency responders

Protective equipment: See Headings 7 and 8.

Emergency procedures: For a large spillage, contain the spillage by bunding.

Environmental precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods and material for containment and cleaning up

Methods for cleaning up: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

Reference to other sections

No additional information available

7 Handling and Storage

Precautions for safe handling

Additional hazards when processed:	Stable at ambient temperature and under normal conditions of use.
Precautions for safe handling:	Wear suitable protective clothing. Personal protective equipment. When using do not eat, drink or smoke. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Avoid spilling the product, as this might cause falls.
Hygiene measures:	When using do not eat or drink. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage conditions:	Store in dry, cool, well-ventilated area.
Special rules on packaging:	Store in original container. Keep container closed when not in use.

Specific end use(s)

No additional information available

8 Exposure Controls / Personal Protection

Control parameters

No additional information available

Exposure controls

Personal protective equipment:	Gloves. Safety glasses. Protective clothing.
Hand protection:	Chemical resistant gloves (according to European standard NF EN 374 or equivalent).
Eye protection:	Safety glasses with side shields.
Skin and body protection:	Wear suitable protective clothing.
Respiratory protection:	No personal breathing protective equipment is normally required.
Environmental exposure controls:	Do not flush into surface water or sewer system.

9 Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Liquid
Colour	No data available
Odour	No data available
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	-60 °C
Freezing point	No data available
Boiling point	No data available
Flash point	220 °C
Self ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	0.947 kg/l at 20 °C
Solubility	Insoluble in water
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	10.5 mm ² /s at 40 °C
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

Other information

No additional information available

10 Stability and Reactivity

Reactivity

Stable at ambient temperature and under normal conditions of use.

Chemical stability

No additional information available

Possibility of hazardous reactions

No additional information available

Conditions to avoid

Elevated temperature.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No hazardous decomposition products known at room temperature.

11 Toxicological Information

Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

12 Ecological information

Toxicity

No additional information available

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

No additional information available

13 Disposal Considerations

Waste treatment methods

Waste treatment methods:

Collect all waste in suitable and labelled containers and dispose according to local legislation.

14 Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

UN number

No dangerous good in sense of transport regulations.

UN proper shipping name

Not applicable

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Other information:

No supplementary information available.

Special precautions for user

Overland transport: No additional information available

Transport by sea: No additional information available

Air transport: No additional information available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15 Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU-Regulations No REACH Annex XVII restrictions
Contains no REACH candidate substance

National regulations No additional information available

Chemical safety assessment

No additional information available

16 Other Information

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.