

1. Identification of the substance/preparation and company

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Analysenzertifikat \*\*\*E\*\*

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2. Composition/information on ingredients

Preparation of native greases with specific components.

Hazardous ingredients:

CAS-Nr.	Names	Conc. %	Symb.	R-phrases
n.a.				

3. Hazards possibilities

4. First aid measures

First aid measures / general information.  
Change soaked clothing.  
First aid measures / skin contact.  
When in contact with the skin, clean with soap and water.  
First aid measures / eye contact.  
In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.  
First aid measures / ingestion.  
Do not induce vomiting.  
Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media  
foam  
dry powder  
carbon dioxide  
Extinguishing media that must not be used for safety reasons  
Full water jet  
Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.  
In the event of fire the following can be released:  
Carbon monoxide (CO)  
Carbon dioxide (CO2)  
In case combustion evolution of dangerous gases possible.  
Special protective equipment for firefighting  
Do not inhale explosion and/or combustion gases.  
Use self-contained breathing apparatus.  
Additional informations (chapter 5)  
Cool endangered containers with water spray jet.

6. Accidental release measures

personal precautions.  
Use personal protective clothing.

environmental precautions.  
Do not discharge into the drains/surface waters/groundwater.  
methods for cleaning up/taking up.  
Take up with absorbent material (eg sand, kieselguhr, universal binder).  
Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

Hints on safe handling.  
Open and handle container with care.  
Avoid formation of aerosols.  
Hints for protection against fire and explosion.  
No special measures necessary.  
Requirements for storage rooms and vessels.  
Protect from frost.  
Protect from heat and direct sunlight.  
Keep containers tightly closed.

8. Exposure controls/personal protection

Additional hints on technical system design.  
See chapter 7; no measures exceeding the ones mentioned are necessary.  
Personal protective equipment  
Respiratory protection  
Breathing apparatus in the event of aerosol or mist formation.  
Hand protection  
impermeable gloves  
Eye protection  
safety glasses with side protection shield  
General protective measures  
Do not inhale gases/vapours/aerosols.  
Avoid contact with eyes and skin.  
At work do not eat, drink, smoke or take drugs.  
Keep away from foodstuffs and beverages.  
Wash hands before breaks and after work.

9. Physical and chemical properties

Form liquid  
Colour golden yellow  
Odour typical

	Value	Unit	Method
Flash point / method :	> 250	°C	DIN 51376
Viscosity / method 40 °C	170	mm <sup>2</sup> /s	DIN 51562
Density / method : 20 °C	0.93	g/cm <sup>3</sup>	DIN 51757
LEL(Lower expl. limit):	n.a.	Vol.%	
UEL(Upper expl. limit):	n.a.	Vol.%	
Solubility in water / remarks :	insoluble		
Changes in physical state 1 / method :			
Pourpoint :	<-20	°C	
Boiling point :	n.b.	°C	
Bulk density :	n.a.	kg/m <sup>3</sup>	
Vapour pressure / method: 20 °C	n.b.	mbar	
pH-value / method: 20 °C	n.a.		

10. Stability and reactivity

Hazardous reactions  
Reactions with strong oxidising agents.  
Hazardous decomposition products  
No hazardous decomposition products if stored and handled as prescribed.

11. Toxicological information

By appropriate use of the product no health damage is known.

12. Ecological information

Do not discharge into the drains/surface waters/groundwater.

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13. Disposal considerations

Disposal / product

Waste code no. / name of waste (for Germany only)

130203 other engine gear and lubricating oils

Disposal / contaminated packagings.

Completely emptied packagings can be given for recycling.

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14. Transport information

hazard warning labelling not compulsory

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15. Regulatory information

Labelling in accordance with GefStoffV/EC

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

Other regulations

Water hazard class / source

does not endanger the water

TA-Luft / paragraph (for Germany only):

Not listed.

Classification according to VbF / remarks (for Germany only).: -

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16. Other information (chapter 16.).

The data mentioned in the present safety data sheet correspond to our latest knowledge and experience and may be used to precise safety requirements for the different products. The information given therein is no warranty as to quality.

Please also read our technical data sheet.

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n.a.: not applicable

n.b.: not determined