

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Polish

Print date: 15.02.2016

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Polish

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

###### Use of the substance/mixture

Automotive care products

##### 1.3. Details of the supplier of the safety data sheet

Company name:	HERRENFAHRT	
	Carrus Cultus GmbH	
Street:	Turley-Str. 8	
Place:	D-68167 Mannheim	
Telephone:	0621 483 450 26	
e-mail:	a.werner@herrenfahrt.com	
Contact person:	Andreas Werner	Telephone: 0170 58 69 111
e-mail:	a.werner@herrenfahrt.com	
Internet:	www.herrenfahrt.com	

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Precautionary statements

P102 Keep out of reach of children.

###### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

##### 2.3. Other hazards

No information available.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
	aliphatic hydrocarbons, C11-C13, isoalkanes, (<0,1 % Benzene)	10 - < 15 %
	920-901-0	
	01-2119456810-40	
	Asp. Tox. 1; H304 EUH066	
8042-47-5	white mineral oil ( petroleum )	5 - < 10 %
	232-455-8	
	01-2119487078-27	
	Asp. Tox. 1; H304	

Full text of H and EUH statements: see section 16.

#### SECTION 4: First aid measures

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#### **4.1. Description of first aid measures**

##### **General information**

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

##### **After inhalation**

Provide fresh air.

##### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse.

##### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

##### **After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No information available.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

##### **Unsuitable extinguishing media**

Full water jet

#### **5.2. Special hazards arising from the substance or mixture**

No special measures are necessary.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

##### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

No special measures are necessary.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

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#### Advice on safe handling

No special measures are necessary. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away.

#### Further information on handling

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed.

##### Advice on storage compatibility

Do not store together with: Oxidising agent. Strong acid. Strong alkali.

##### Further information on storage conditions

Recommended storage temperature: 15-25°C

#### 7.3. Specific end use(s)

Automotive care products

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
8042-47-5	white mineral oil ( petroleum )			
	Consumer DNEL, long-term	inhalation	systemic	160 mg/m <sup>3</sup>
1344-28-1	aluminium oxide			
	Worker DNEL, long-term	inhalation	systemic	15,63 mg/m <sup>3</sup>

#### 8.2. Exposure controls



##### Appropriate engineering controls

Use only in well-ventilated areas.

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#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### Eye/face protection

Wear eye/face protection.

#### Hand protection

Tested protective gloves must be worn

Recommended glove articles : HyFlex® Foam (EN 420, EN 388 (3131))

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	orange
Odour:	fruity

pH-Value (at 20 °C):

8

#### Changes in the physical state

Melting point:

not determined

Initial boiling point and boiling range:

100 °C

Flash point:

>61 °C

#### Flammability

Solid:

not applicable

Gas:

not applicable

Lower explosion limits:

0,6 vol. %

Upper explosion limits:

7 vol. %

Ignition temperature:

>200 °C

#### Auto-ignition temperature

Solid:

not applicable

Gas:

not applicable

Decomposition temperature:

not determined

#### Oxidizing properties

Not oxidizing.

Vapour pressure:

0,4 hPa

(at 20 °C)

Density (at 20 °C):

1 g/cm<sup>3</sup>

Water solubility:

partially soluble

#### Solubility in other solvents

not determined

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Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	13000-18000 mPa·s
Vapour density: (at 20 °C)	1
Evaporation rate:	not determined
Solvent content:	20,49 %

#### 9.2. Other information

Solid content:	not determined
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

#### 10.5. Incompatible materials

Strong acid. Strong alkali. Highly oxidising substances.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Toxicokinetics, metabolism and distribution

No information available.

##### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
	aliphatic hydrocarbons, C11-C13, isoalkanes, (<0,1 % Benzene)					
	oral	LD50	5000 mg/kg	Rat	OECD 401	
	dermal	LD50	5000 mg/kg	Rat	OECD 402	
	inhalative (4 h) vapour	LC50	2500 mg/l	Rat	OECD 403	
8042-47-5	white mineral oil ( petroleum )					
	oral	LD50	>5000 mg/kg	Rat	ECHA	
	dermal	LD50	>2000 mg/kg	Rabbit	ECHA	
	inhalative (4 h) aerosol	LC50	>5,09 mg/l	Rat	ECHA	

##### Irritation and corrosivity

Based on available data, the classification criteria are not met.

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#### Sensitising effects

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Specific effects in experiment on an animal

No information available.

#### Additional information on tests

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

### SECTION 12: Ecological information

#### 12.1. Toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
	aliphatic hydrocarbons, C11-C13, isoalkanes, (<0,1 % Benzene)					
	Acute fish toxicity	LC50	>1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA
	Acute algae toxicity	ErC50	>1000 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA
	Acute crustacea toxicity	EC50	>1000 mg/l	48 h	Daphnia magna (Big water flea)	ECHA
	Algae toxicity	NOEC	1000 mg/l	3 d	Pseudokirchneriella subcapitata	
8042-47-5	white mineral oil ( petroleum )					
	Acute fish toxicity	LC50	>1000 mg/l	96 h	Leuciscus idus (golden orfe)	ECHA
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna (Big water flea)	ECHA
	Algae toxicity	NOEC	>=100 mg/l	72 d	Pseudokirchneriella subcapitata	ECHA

#### 12.2. Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
	aliphatic hydrocarbons, C11-C13, isoalkanes, (<0,1 % Benzene)				
	OECD 301 F	31,3 %	28	ECHA	
	Evidence for inherent biodegradability.				
8042-47-5	white mineral oil ( petroleum )				
	OECD 301F	31 %	28	ECHA	
	Not readily biodegradable (according to OECD criteria)				

#### 12.3. Bioaccumulative potential

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The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
8042-47-5	white mineral oil ( petroleum )	>4

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

##### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Air transport (ICAO)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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#### **14.6. Special precautions for user**

No special measures are necessary.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **EU regulatory information**

2010/75/EU (VOC): 13,572 % (135,723 g/l)

2004/42/EC (VOC): 13,585 % (135,852 g/l)

##### **Additional information**

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

##### **National regulatory information**

Water contaminating class (D): 2 - water contaminating

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### **SECTION 16: Other information**

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### **Relevant H and EUH statements (number and full text)**

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH210 Safety data sheet available on request.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*