

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 1 of 10

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

1.1. Product identifier

Dashboard Detailer

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: Carrus Cultus GmbH
Street: Turley-Str.8
Place: D-68167 Mannheim
Telephone: +49 621 483 450 260
e-mail: info@herrenfahrt.com
Contact person: Andreas Werner
e-mail: a.werner@herrenfahrt.com
Internet: www.herrenfahrt.com

1.4. Emergency telephone number:

+49 (0) 89 19240 (Giftnotruf Technische Universität München)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with 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]			
64-17-5	ethanol			5 - < 10 %
	200-578-6		01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
112-34-5	diethylene glycol monobutyl ether			1 - < 5 %
	203-961-6		01-2119475104-44	
	Eye Irrit. 2; H319			

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 2 of 10

SECTION 4: First aid measures

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. In case of respiratory tract irritation, consult a physician.

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. Call a doctor.

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 (CO₂). 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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 3 of 10

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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 ³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 4 of 10

DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
64-17-5	ethanol		
Consumer DNEL, long-term	dermal	systemic	206 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	87 mg/kg bw/day
Worker DNEL, acute	inhalation	local	1900 mg/m ³
Worker DNEL, long-term	inhalation	systemic	950 mg/m ³
Worker DNEL, long-term	dermal	systemic	343 mg/kg bw/day
Consumer DNEL, acute	inhalation	local	950 mg/m ³
112-34-5	diethylene glycol monobutyl ether		
Consumer DNEL, long-term	dermal	systemic	10 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	67,5 mg/m ³
Worker DNEL, long-term	dermal	systemic	20 mg/kg bw/day
Consumer DNEL, acute	inhalation	local	50,6 mg/m ³
Consumer DNEL, long-term	inhalation	local	34 mg/m ³
Worker DNEL, acute	inhalation	local	101,2 mg/m ³
Worker DNEL, long-term	inhalation	local	67,5 mg/m ³
Consumer DNEL, long-term	oral	systemic	1,25 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	34 mg/m ³

PNEC values

CAS No	Substance	
Environmental compartment	Value	
64-17-5	ethanol	
Freshwater	0,96 mg/l	
Marine water	0,79 mg/l	
Freshwater sediment	3,6 mg/kg	
Marine sediment	2,9 mg/kg	
Micro-organisms in sewage treatment plants (STP)	580 mg/l	
Soil	0,63 mg/kg	
112-34-5	diethylene glycol monobutyl ether	
Freshwater	1,1 mg/l	
Marine water	0,11 mg/l	
Freshwater sediment	4,4 mg/kg	
Marine sediment	0,44 mg/kg	
Secondary poisoning	56 mg/kg	
Micro-organisms in sewage treatment plants (STP)	200 mg/l	
Soil	0,32 mg/kg	

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 5 of 10

8.2. Exposure controls



Appropriate engineering controls

Use only in well-ventilated areas.

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 protection/face protection. Suitable eye protection: Eye glasses with side protection (DIN EN 166)

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves must be worn. Recommended glove articles : Rotiprotect Nitril eco, Thickness of the glove material 0,1 mm, level 1 < 10 min. (DIN EN 374)

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 6 of 10

9.1. Information on basic physical and chemical properties

Physical state: Liquid
 Colour: light violet
 Odour: fruity

Test method

pH-Value (at 20 °C): 7,9

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: 78 °C

Flash point: 47 °C DIN 51755

Sustaining combustion: Not sustaining combustion

Flammability

Solid: not applicable

Gas: not applicable

Lower explosion limits: 3,5 vol. %

Upper explosion limits: 5,9 vol. %

Ignition temperature: 400 °C

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure:
(at 20 °C) <0,1 hPa

Density (at 20 °C): 0,99 g/cm³

Water solubility: completely miscible

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic:
(at 20 °C) 150-400 mPa·s

Vapour density: not determined

Evaporation rate: not determined

Solvent content: 10,00 %

9.2. Other information

Solid content: not determined

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 7 of 10

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 route	Dose	Species	Source	Method
64-17-5	ethanol				
	oral	LD50 mg/kg 7060	Rat	GESTIS	
	dermal	LD50 mg/kg >20000	Rabbit	literature value	
	inhalative (4 h) vapour	LC50 mg/l 117-125	Rat	ECHA	
112-34-5	diethylene glycol monobutyl ether				
	oral	LD50 mg/kg 5660	Rat	GESTIS	
	dermal	LD50 mg/kg 2700	Rabbit	GESTIS	

Irritation and corrosivity

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

Sensitising effects

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.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Print date: 23.03.2018

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 8 of 10

SECTION 12: Ecological information

12.1. Toxicity

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64-17-5	ethanol					
	Acute fish toxicity	LC50 8140 mg/l	96 h	Leuciscus idus (golden orfe)	ECHA	
	Acute algae toxicity	ErC50 >100 mg/l	96 h	Chlorella pyrenoidosa	literature value	
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	
112-34-5	diethylene glycol monobutyl ether					
	Acute fish toxicity	LC50 1300 mg/l	96 h	Lepomis macrochirus (Bluegill)	ECHA	
	Acute algae toxicity	ErC50 > 100 mg/l	96 h	Scenedesmus sp.	ECHA	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna	ECHA	
	Algae toxicity	NOEC >100 mg/l	1 d	Scenedesmus sp.		

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			
64-17-5	ethanol			
	OECD 301 C	>89%	14	ECHA
	Readily biodegradable (according to OECD criteria).			
112-34-5	diethylene glycol monobutyl ether			
	OECD 301 C	>80 %	28	ECHA
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol	-0,31
112-34-5	diethylene glycol monobutyl ether	0,56

12.4. Mobility in soil

The product has not been tested.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 9 of 10

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.

SECTION 14: Transport information

Land transport (ADR/RID)

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

Inland waterways transport (ADN)

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

Marine transport (IMDG)

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

Air transport (ICAO-TI/IATA-DGR)

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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dashboard Detailer

Print date: 23.03.2018

Page 10 of 10

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 55: diethylene glycol monobutyl ether

2010/75/EU (VOC): 7,007 % (69,37 g/l)

2004/42/EC (VOC): 10,012 % (99,115 g/l)

Additional information

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC.

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

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

Substance/product listed in the following inventories

EU / Schweiz	yes
Taiwan	yes
New Zealand	unknown
USA	yes
Canada	yes
Australia	yes
Japan	yes
China	yes
Korea	yes
Philippines	yes

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,3,4,5,7,8,9,15.

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)

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

EUH210 Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Print date: 23.03.2018

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