

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Rim Cleaner

Print date: 08.02.2016

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

### 1.1. Product identifier

Rim Cleaner

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

#### Use of the substance/mixture

Washing and cleaning 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	Telephone: +49 621 483 450 26
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

Hazard categories:

Acute toxicity: Acute Tox. 4

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements:

Harmful if swallowed.

May cause an allergic skin reaction.

Causes serious eye damage.

### 2.2. Label elements

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

##### Hazard components for labelling

sodium mercaptoacetate 98%

Alcohols ,C9-C11, ethoxylated

Amides, coco, n-(hydroxyethyl), ethoxylated

orange extract, sweet ( > 90% limonene )

**Signal word:** Danger

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**Pictograms:**



**Hazard statements**

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

**Precautionary statements**

P102	Keep out of reach of children.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315	Get immediate medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of waste according to applicable legislation.

**2.3. Other hazards**

No information available.

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

**3.2. Mixtures**

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#### Hazardous components

CAS No	Chemical name	Quantity
	EC No      Index No      REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
367-51-1	sodium mercaptoacetate 98%	10 - < 15 %
	206-696-4      01-2119968564-24	
	Met. Corr. 1, Acute Tox. 3, Acute Tox. 4, Skin Sens. 1; H290 H301 H312 H317	
112-34-5	diethylene glycol monobutyl ether	1 - < 5 %
	203-961-6      01-2119475104-44	
	Eye Irrit. 2; H319	
68439-46-3	Alcohols ,C9-C11, ethoxylated	1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318	
68425-44-5	Amides, coco, n-(hydroxyethyl), ethoxylated	1 - < 5 %
	Eye Dam. 1; H318	
164462-16-2	reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-,trisodium salt and 2R-alanine, N,N bis carboxymethyl-, trisodium salt	< 1 %
	423-270-5      01-0000016977-53	
	Met. Corr. 1; H290	
8028-48-6	orange extract, sweet ( > 90% limonene )	< 1 %
	232-433-8      01-2119493353-35	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410	

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

#### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, < 5 % amphoteric surfactants, perfumes.

### 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. In case of skin reactions, consult a physician.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

##### After ingestion

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

#### 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.

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#### 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

In case of fire may be liberated: Gases/vapours, irritant. Hydrogen sulphide (H<sub>2</sub>S). Sulphur oxides

##### 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. Suppress gases/vapours/mists with water spray jet. 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

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Wash hands before breaks and after work. When using do not eat, drink or smoke. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not smoke. Use personal protection equipment. Take off contaminated clothing and wash it before reuse.

###### 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.

##### 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 Protect against: UV-radiation/sunlight

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

Automotive care products

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## 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
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
367-51-1	sodium mercaptoacetate 98%			
	Consumer DNEL, long-term	dermal	systemic	0,9 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	1,41 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	2,06 mg/kg bw/day
	Worker DNEL, long-term	dermal	local	0,004 mg/cm <sup>2</sup>
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 <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	20 mg/kg bw/day
	Consumer DNEL, acute	inhalation	local	50,6 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	local	34 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	101,2 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	local	67,5 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	1,25 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	34 mg/m <sup>3</sup>
164462-16-2	reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-,trisodium salt and 2R-alanine, N,N bis carboxymethyl-, trisodium salt			
	Consumer DNEL, acute	inhalation	local	20 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	40 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	systemic	20 mg/m <sup>3</sup>
	Worker DNEL, acute	dermal	systemic	2000 mg/kg bw/day
	Worker DNEL, long-term	dermal	systemic	170 mg/kg bw/day
	Worker DNEL, long-term	inhalation	local	4 mg/m <sup>3</sup>
	Worker DNEL, acute	dermal	local	2000 mg/cm <sup>2</sup>
	Worker DNEL, acute	inhalation	systemic	40 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	25 mg/kg bw/day
	Consumer DNEL, acute	dermal	systemic	400 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	17 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	local	2 mg/m <sup>3</sup>

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Worker DNEL, long-term	inhalation	systemic	40 mg/m <sup>3</sup>
8028-48-6	orange extract, sweet ( > 90% limonene )		
Worker DNEL, long-term	dermal	systemic	8,89 mg/kg bw/day
Worker DNEL, acute	dermal	local	0,185 mg/cm <sup>2</sup>
Worker DNEL, long-term	inhalation	systemic	31,1 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	4,44 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	4,44 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	7,78 mg/m <sup>3</sup>
Consumer DNEL, acute	dermal	local	0,0929 mg/cm <sup>2</sup>

#### PNEC values

CAS No	Substance	Value
Environmental compartment		Value
367-51-1	sodium mercaptoacetate 98%	
Freshwater		0,038 mg/l
Marine water		0,0038 mg/l
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
164462-16-2	reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-,trisodium salt and 2R-alanine, N,N bis carboxymethyl-, trisodium salt	
Freshwater		2 mg/l
Freshwater (intermittent releases)		1 mg/l
Marine water		0,2 mg/l
Freshwater sediment		24 mg/l
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		2,5 mg/kg
8028-48-6	orange extract, sweet ( > 90% limonene )	
Freshwater		5,4 mg/l
Marine water		0,54 mg/l
Marine sediment		0,13 mg/kg
Freshwater (intermittent releases)		5,77 mg/l
Soil		0,261 mg/kg

#### 8.2. Exposure controls



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#### 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. Draw up and observe skin protection programme.

#### 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.

### SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	pink
Odour:	characteristic
pH-Value (at 20 °C):	8,1

#### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	100 °C
Flash point:	>100 °C

#### Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined

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Upper explosion limits: not determined

#### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

#### Oxidizing properties

Not oxidising.

Density (at 20 °C): 1,08 g/cm<sup>3</sup>

Water solubility:  
(at 20 °C) easily soluble

#### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic:  
(at 20 °C) 110-140 mPa·s

Vapour density: not determined

Evaporation rate: not determined

Solvent content: 4,88 %

#### 9.2. Other information

Solid content: not determined

### 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. Thermally unstable.

#### 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

Hydrogen sulphide (H<sub>2</sub>S)

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Toxicokinetics, metabolism and distribution

No information available.

##### Acute toxicity

Harmful if swallowed.

##### ATEmix calculated

ATE (oral) 1294,9 mg/kg



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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
367-51-1	sodium mercaptoacetate 98%				
	oral	LD50 200-500 mg/kg	Rat		
	dermal	LD50 1000-2000 mg/kg	Rat		
112-34-5	diethylene glycol monobutyl ether				
	oral	LD50 5660 mg/kg	Rat	GESTIS	
	dermal	LD50 2700 mg/kg	Rabbit	GESTIS	
68439-46-3	Alcohols ,C9-C11, ethoxylated				
	oral	LD50 >300 mg/kg			
164462-16-2	reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-,trisodium salt and 2R-alanine, N,N bis carboxymethyl-, trisodium salt				
	oral	LD50 >2000 mg/kg	Rat	ECHA	
	dermal	LD50 >2000 mg/kg	Rat	ECHA	
8028-48-6	orange extract, sweet ( > 90% limonene )				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rat		

#### Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

May cause an allergic skin reaction. (sodium mercaptoacetate 98%; orange extract, sweet ( > 90% limonene ))

#### 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].

## SECTION 12: Ecological information

### 12.1. Toxicity

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

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
367-51-1	sodium mercaptoacetate 98%					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203	
	Acute algae toxicity	ErC50 13 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50 38 mg/l	48 h	Daphnia magna (Big water flea)	84/449/EWG	
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.		
164462-16-2	reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and 2R-alanine, N,N bis carboxymethyl-, trisodium salt					
	Acute fish toxicity	LC50 >110 mg/l	96 h	Brachydanio rerio (zebra-fish)	ECHA	
	Acute algae toxicity	ErC50 >100 mg/l	72 h	Scenedesmus subspicatus	ECHA	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	
	Fish toxicity	NOEC 100 mg/l	28 d	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Crustacea toxicity	NOEC >=100 mg/l	21 d	Daphnia magna (Big water flea)	ECHA	
8028-48-6	orange extract, sweet ( > 90% limonene )					
	Acute fish toxicity	LC50 0,7 mg/l	96 h	Pimephales promelas (fathead minnow)	OECD 203	
	Acute algae toxicity	ErC50 150 mg/l	72 h	Desmodesmus subspicatus	OECD 201	
	Acute crustacea toxicity	EC50 0,67 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202	

#### 12.2. Persistence and degradability

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

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
367-51-1	sodium mercaptoacetate 98%				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	100%	14		
	Readily biodegradable (according to OECD criteria).				
	OECD 301D/ EEC 92/69/V, C.4-E	67%	28		
	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).				
164462-16-2	reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-,trisodium salt and 2R-alanine, N,N bis carboxymethyl-, trisodium salt				
	OECD 301 F	80-90%	28		ECHA
	Readily biodegradable (according to OECD criteria).				
8028-48-6	orange extract, sweet ( > 90% limonene )				
	OECD 301B	72-83,4 %	28		
	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
367-51-1	sodium mercaptoacetate 98%	-2,99
112-34-5	diethylene glycol monobutyl ether	0,56

#### BCF

CAS No	Chemical name	BCF	Species	Source
8028-48-6	orange extract, sweet ( > 90% limonene )	32-156		

#### 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.

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## 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.

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

No dangerous good in sense of this transport regulation.

### 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): 0,105 % (1,13 g/l)

2004/42/EC (VOC): 4,982 % (53,807 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	unknown
New Zealand	unknown
USA	unknown
Canada	unknown
Australia	unknown
Japan	unknown
China	unknown
Korea	yes
Philippines	unknown

### 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

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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)

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### 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.

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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.)