

## SAFETY DATA SHEET

### GripFactory NanoGrip

#### 1. Identification of the substance or mixture and of the company/undertaking

##### 1.1 Product Identification

Trade name	GripFactory NanoGrip
UFI	CYCQ-3JV1-V53Q-EVGG

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

###### 1.2.1 Relevant Identified Uses

Main use category	Professional use
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Title	Stage life cycle	Usage descriptions
NanoGrip	Professional	PC9a, PROC7, PROC10

Full text of usage descriptions: see section 16

###### 1.2.2 Uses advised against

No additional information available

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

###### GripFactory B.V.

Industrieweg 4 H  
3442 AE Woerden, The Netherlands  
+31 348 20 3000 - info@gripfactory.nl - www.gripfactoryantislip.com  
Chamber of Commerce: 73.01.42.65 - VAT: NL8593.20.856.B01

##### 1.4 Emergency telephone number

###### National Poison Information Center

Home post number B.00.118  
PO Box 85500  
3508 GA Utrecht  
+31 30 274 88 88

Intended exclusively to inform professional rescuers in case of acute poisoning.

## 2. Identification of the hazards

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3	H226
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin Sensitization, Category 1	H317
Specific target organ toxicity - single exposure, Category 3, respiratory tract irritation	H335
Specific target organ toxicity - single exposure, Category 3, narcotic effects	H336
Specific target organ toxicity - repeated exposure, Category 2	H373
Aspiration hazard, Category 1	H304
Chronic hazard to the aquatic environment, Category 3	H412




Full text of H-phrases: see chapter 16

#### Adverse physico-chemical, health and environmental effects

Flammable liquid and vapour. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

### 2.2. Labeling elements

#### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)	  
	GHS02                      GHS07                      GHS08
Signal word (CLP)	Danger
Contains	xylene; N-butyl acetate; Hydrocarbons, C9, aromatics; ethylbenzene; Methyl methacrylate; reaction mass of ethylbenzene and xylene; isobutanol; 2-methoxypropyl acetate; 2-methoxy-1-methylethyl acetate; 1-methyl 1,2,2,6,6-pentamethylpiperidin-4-yl decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate; Toluene
Hazard statements (CLP)	H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation. H336 - May cause drowsiness or dizziness. H373 - May cause damage to organs through prolonged or repeated exposure. H412 - Harmful to aquatic life with long lasting effects <sup>1</sup>

Precautionary Statements (CLP)	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.</p> <p>P280 - Wear protective gloves, eye protection.</p> <p>P301+P310+P331 - IF SWALLOWED: Get medical advice immediately. DO NOT induce vomiting.</p> <p>P314 - Get medical advice/attention if you feel unwell.</p> <p>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention.</p>
EUH sentences	EUH066 - Repeated exposure may cause skin dryness or cracking

## 2.3. Other hazards

Component	
Hydrocarbons, C9, aromatics (128601-23-0; 64742-95-6)	<p>This substance/mixture does not meet the PBT criteria of REACH, annex XIII</p> <p>This substance/mixture does not meet the vPvB criteria of REACH, annex XIII</p>
xylene (1330-20-7)	<p>This substance/mixture does not meet the PBT criteria of REACH, annex XIII</p> <p>This substance/mixture does not meet the vPvB criteria of REACH, annex XIII</p>
N-butyl acetate (123-86-4)	<p>This substance/mixture does not meet the PBT criteria of REACH, annex XIII</p> <p>This substance/mixture does not meet the vPvB criteria of REACH, annex XIII</p>
ethylbenzene (100-41-4)	<p>This substance/mixture does not meet the PBT criteria of REACH, annex XIII</p> <p>This substance/mixture does not meet the vPvB criteria of REACH, annex XIII</p>
1-methyl-1,2,2,6,6-pentamethylpiperidin-4-yl decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate (1065336-91-5)	<p>This substance/mixture does not meet the PBT criteria of REACH, annex XIII</p> <p>This substance/mixture does not meet the vPvB criteria of REACH, annex XIII</p>

## 3. Composition and information on ingredients

### 3.1. Substances

Does not apply.

### 3.2. Mixtures

Name	Product identification	% w/w (% w/w)	Layout conform Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9, aromatics	<p>(CAS-Nr) 128601-23-0; 64742-95-6</p> <p>(EG-Nr) 918-668-5</p> <p>(REACH-nr) 01-2119455851-35</p>	10 - 20	<p>Flam. Liq. 3, H226</p> <p>STOT SE 3, H336</p> <p>STOT SE 3, H335</p> <p>Asp. Tox. 1, H304</p> <p>Aquatic Chronic 2, H411</p>
<p>xylene</p> <p>substance with national exposure limit(s) on the workplace (NL); substance for which within the Community an exposure limit on the workplace applies (Note C)</p>	<p>(CAS-Nr) 1330-20-7</p> <p>(EG-Nr) 215-535-7</p> <p>(REACH-nr) 01-2119488216-32</p>	10 - 20	<p>Flam. Liq. 3, H226</p> <p>Acute Tox. 4 (Dermal), H312</p> <p>Acute Tox. 4 (Inhalation), H332</p> <p>Skin Irrit. 2, H315</p> <p>Eye Irrit. 2, H319</p> <p>STOT SE 3, H335</p> <p>STOT RE 2, H373</p> <p>Asp. Tox. 1, H304</p>

2-methoxy-1-methylethyl acetate substance with national exposure limit(s) on the workplace (NL); substance for which within the Community an exposure limit on the workplace applies	(CAS-Nr) 108-65-6 (EG-Nr) 203-603-9 (EU Identificatie-Nr) 607-195-00-7 (REACH-nr) 01-2119475791-29	5 - 10	Flam. Liq. 3, H226 STOT SE 3, H336
N-butyl acetate substance for which a exposure limit in the workplace	(CAS-Nr) 123-86-4 (EG-Nr) 204-658-1 (EU Identificatie-Nr) 607-025-00-1 (REACH-nr) 01-2119485493-29	5 - 10	Flam. Liq. 3, H226 STOT SE 3, H336
ethylbenzene substance with national exposure limit(s) on the workplace (NL); substance for which within the Community an exposure limit on the workplace applies	(CAS-Nr) 100-41-4 (EG-Nr) 202-849-4 (EU Identificatie-Nr) 601-023-00-4 (REACH-nr) 01-2119489370-35	1 - 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
1-methyl-1,2,2,6,6-pentamethylpiperidin-4-yl decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate	(CAS-Nr) 1065336-91-5 (EG-Nr) 915-687-0 (REACH-nr) 01-2119491304-40	0,1 - 1	Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Note C: Some organic substances may be marketed in the form of a specific isomer or as a mixture of different isomers. In that case, the supplier must indicate on the label whether the substance is a specific isomer or a mixture of isomers. Full text of H-phrases: see section 16.

## 4. First Aid Measures

### 4.1. Description of first aid measures

general first aid	Call a poison control center or doctor if you feel unwell
First aid after inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.
First aid after skin contact	Rinse skin with water/shower. Remove contaminated clothing immediately. In case of skin irritation or rash: consult a doctor.
First aid after eye contact	Rinse gently with water for several minutes. Remove contact lenses, if possible. Keep rinsing. If eye irritation persists: consult a physician.
First aid after ingestion	Call a poison control center or doctor if you feel unwell

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

Symptoms/effects	May cause drowsiness or dizziness.
Symptoms/effects after inhalation	May cause respiratory irritation.
Symptoms/effects after skin contact	Irritation. May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking
Symptoms/effects after eye contact	Irritation of the eyes.

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

Symptomatic treatment.

## 5. Fire Fighting Measures

### 5.1. Extinguishing media

Suitable extinguishing media	Nebulized water. Dry powder. Foam. Carbon dioxide
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### 5.2. Special hazards arising from the substance or mixture

Fire hazard	Flammable liquid and vapour.
Hazardous decomposition products in case of fire	Possible formation of toxic fumes.

### 5.3. Advice for firefighters

Protection during firefighting	Do not intervene without suitable safety equipment. Working independently respirator. Full protective clothing.
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## 6. Measures in case of accidental release of the substance or mixture

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

#### 6.1.1. For persons other than the emergency services

Emergency procedures	Ventilate contaminated area. No exposure to naked flames, no sparks and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
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#### 6.1.2. For the emergency services

Protective equipment	Do not intervene without suitable safety equipment. For further information see section 8: "Exposure controls/personal protection".
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### 6.2. Environmental Precautions

Avoid release into the environment.

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

Cleaning methods	Absorb spilled liquid with an absorbent material. Notify authorities if product enters sewers or public waters.
Other information	Take waste or solid residues to an approved waste disposal company.

### 6.4. Reference to other sections

For further information, see section 13.

## 7. Handling and Storage

### 7.1. Precautions for safe handling of the substance or mixture

Precautions for safe handling the substance or mixture	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Earth the storage and receiving container. Use only non-sparking tools. Take precautions against static electricity discharges. Highly flammable vapors can accumulate in the vessel. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
Hygiene measures	Wash contaminated clothing before reuse. Contaminated work clothing may not leave the work area. Do not eat, drink or smoke while using this product. Always wash hands after handling this product.

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

Technical measures	Earth the storage and receiving container.
Storage conditions	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep locked up.

### 7.3. Specific end use

No additional information available

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National Occupational Exposure Values and Biological Limit Values

xylene (1330-20-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Xylene, mixed isomers, pure
IOEL TWA	221 mg/m <sup>3</sup>
IOEL STEL	442 mg/m <sup>3</sup>
IOEL STEL [ppm]	100 ppm
Notes	Skin
Reference Legislation	COMMISSION DIRECTIVE 2000/39/EC
Netherlands - Occupational exposure limits	
Local name	Xylene, o-, m-, p-isomers
MAC-TGG (OEL TWA)	210 mg/m <sup>3</sup>
MAC-15 (OEL STEL)	442 mg/m <sup>3</sup>
Note (MAC)	H (Skin absorption) Substances that can be absorbed relatively easily through the skin, which can make a substantial contribution to the total internal exposure, have an H designation in the list. With these substances, in addition to measures against inhalation, adequate measures must also be taken to prevent skin contact.

Reference Legislation	Working conditions regulation 2020
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## N-butyl acetate (123-86-4)

### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	n-Butyl acetate
IOEL TWA	241 mg/m <sup>3</sup>
IOEL STEL	723 mg/m <sup>3</sup>
IOEL STEL [ppm]	150 ppm
Reference Legislation	COMMISSION DIRECTIVE (EU) 2019/1831

## ethylbenzene (100-41-4)

### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Ethylbenzene
IOEL TWA	442 mg/m <sup>3</sup>
IOEL STEL	884 mg/m <sup>3</sup>
IOEL STEL [ppm]	200 ppm
Notes	Skin
Reference Legislation	COMMISSION DIRECTIVE 2000/39/EC

### Netherlands - Occupational exposure limits

Local name	Ethylbenzene
MAC-TGG (OEL TWA)	215 mg/m <sup>3</sup>
MAC-15 (OEL STEL)	430 mg/m <sup>3</sup>
Note (MAC)	H (Skin absorption) Substances that can be absorbed relatively easily through the skin, which can make a substantial contribution to the total internal exposure, have an H designation in the list. With these substances, in addition to measures against inhalation, adequate measures must also be taken to prevent skin contact.
Reference Legislation	Working conditions regulation 2020

## 2-methoxy-1-methylethyl acetate (108-65-6)

### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	2-Methoxy-1-methylethylacetate
IOEL TWA	275 mg/m <sup>3</sup>
IOEL STEL	550 mg/m <sup>3</sup>
IOEL STEL [ppm]	100 ppm
Notes	Skin
Reference Legislation	COMMISSION DIRECTIVE 2000/39/EC

### Netherlands - Occupational exposure limits

Local name	1-Methoxy-2-propylacetaat
MAC-TGG (OEL TWA)	550 mg/m <sup>3</sup>
Reference Legislation	Working conditions regulation 2020

### 8.1.2. Recommended monitoring procedures

No additional information available

## 8.1.3. Formed Air Pollutants

No additional information available

## 8.1.4. DNEL en PNEC

No additional information available

## 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate technical measures

Appropriate technical measures	Ensure good ventilation of the workplace.
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### 8.2.2. Personal protective equipment

Symbol(s) for personal protective equipment:



#### 8.2.2.1. Protection of the eyes and face

Eye protection	Close-fitting glasses
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#### 8.2.2.2. Skin protection

Skin and body protection	Wear suitable protective clothing
Hand protection	Protective gloves

#### 8.2.2.3. Respiratory protection

Respiratory protection	In case of insufficient ventilation, use suitable respiratory equipment
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#### 8.2.2.4. Thermal hazards

No additional information available



## 8.2.3. Limitation and control of environmental exposure

Limitation and control of environmental exposure	Avoid release into the environment.
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## 9. Physical and Chemical Properties

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

Physical state	Liquid
Colour	Not available
Odor	Not available
Odor Threshold	Not available
Melting point	Does not apply
Freezing point	Not available
Boiling point	137 °C
Flammability	Does not apply
Explosion limits	Not available
Lower Explosive Limit (LEL)	1,1 vol %
Upper Explosive Limit (UEL)	7 vol %
Flash point	26 °C
Auto-ignition temperature	315 °C
Decomposition temperature	Not available
pH	Not available
Viscosity, kinematic	20.5 mm²/s
Solubility	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapor pressure	6.7 hPa
Vapor pressure at 50 °C	Not available
Density	1.2 g/cm³
Relative density	Not available
Relative vapor density at 20 °C	Not available
Particle size	Does not apply
Particle size distribution	Does not apply
Shape of the particles	Does not apply
Aspect ratio particles	Does not apply
Particle aggregate state	Does not apply
Particle agglomeration state	Does not apply
Specific particle surface size	Does not apply
Particle dust formation	Does not apply

## 9.2. Other information

### 9.2.1. Information on physical hazard classes

No additional information available

### 9.2.2. Other security features

VOC content	VOC content according to EC paint directive (2004/42/EC) EU limit value product Cat.A/j : 500 g/l (2010) This product contains less than 500 g/l VOC
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## 10. Stability and Reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possible hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Warmth. No flames, no sparks. Remove all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products will be formed.

## 11. Toxicological Information

### 11.1. Hazard class information as defined in Regulation (EC) No 1272/2008

Acute Toxicity (Oral)	Unclassified
Acute toxicity (dermal)	Unclassified
Acute Toxicity (Inhalation)	Unclassified

xylene (1330-20-7)	
LD50 oral rat	3523 - 4000 mg/kg
LD50 dermal rabbit	12126 mg/kg
LC50 Inhalation - Rat [ppm]	6350 - 6700 ppm/1h

N-butyl acetate (123-86-4)	
LD50 oral rat	10760 mg/kg
LD50 dermal rat	16 ml/kg
LC50 Inhalation - Rat	740 - 71500 mg/m³

Hydrocarbons, C9, aromatics (128601-23-0; 64742-95-6)	
LD50 oral rat	4 - 8 ml/kg
LD50 dermal rabbit	3160 mg/kg

ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rat	3500 mg/kg
LC50 Inhalation - Rat	3500 mg/kg

2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 oral rat	5155 - 10000 mg/kg
LD50 dermal rat	2000 mg/kg

1-methyl 1,2,2,6,6-pentamethylpiperidin-4-yl (1065336-91-5)	decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate
LD50 oral rat	3230 mg/kg
LD50 dermal rat	3170 mg/kg

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Unclassified
Carcinogenicity	Unclassified
Reproductive toxicity	Unclassified
STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness

xylene (1330-20-7)	
STOT-single exposure	May cause respiratory irritation

N-butyl acetate (123-86-4)	
STOT-single exposure	May cause drowsiness or dizziness.

Hydrocarbons, C9, aromatics (128601-23-0; 64742-95-6)	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation cause.

## 2-methoxy-1-methylethylacetaat (108-65-6)

STOT-single exposure	May cause drowsiness or dizziness.
STOT on repeated exposure	May cause damage to organs through prolonged or repeated exposure.

## xylene (1330-20-7)

STOT on repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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## ethylbenzeen (100-41-4)

STOT on repeated exposure	May cause damage to organs (hearing organs) if prolonged or repeated exposure.
Inhalation hazard	Kan dodelijk zijn als de stof bij inslikken in de luchtwegen terechtkomt

## GripFactory NanoGrip

Viscosity, kinematic	20.5 mm²/s
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## 11.2. Information about other hazards

No additional information available

## 12. Ecological Information

### 12.1. Toxicity

Ecology - general	Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, (acute) short-term	Unclassified
Hazardous to the aquatic environment, (chronic) on long-term	Harmful to aquatic life with long lasting effects.

## xylene (1330-20-7)

LC50 - Fish[1]	2.6 - 8.4 mg/l
EC50 72h - Algae [1]	4.6 - 4.9 mg/l

## N-butyl acetate (123-86-4)

LC50 - Fish[1]	18 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustaceans [1]	44 mg/l Test organisms (species): Daphnia sp.
EC50 72h - Algae [1]	674.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronisch)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

## ethylbenzene (100-41-4)

LC50 - Fish[1]	4.2 - 5.1 mg/l
EC50 - Crustaceans [1]	1.8 - 2.4 mg/l
EC50 72h - Algae [1]	4.9 - 5.4 mg/l

## 2-methoxy-1-methylethylacetaat (108-65-6)

LC50 - Fish[1]	100 - 180 mg/l
EC50 - Crustaceans [1]	500 mg/l

## 1-methyl 1,2,2,6,6-pentamethylpiperidin-4-yl decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate (1065336-91-5)

LC50 - Fish[1]	900 µg/l
EC50 72h - Algae [1]	420 - 1680 µg/L

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulation

### xylene (1330-20-7)

Partition coefficient n-octanol/water (Log Pow)	3.12 - 3.2 @ 20 °C / pH 7
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### N-butyl acetate (123-86-4)

Partition coefficient n-octanol/water (Log Pow)	1.82 - 2.3 @ 25 °C
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### ethylbenzene (100-41-4)

Partition coefficient n-octanol/water (Log Pow)	3.03 - 3.6 @ 20 °C / pH 7.84
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### 2-methoxy-1-methylethylacetaat (108-65-6)

Partition coefficient n-octanol/water (Log Pow)	1.2 @ 20 °C / pH 6.8
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## 1-methyl 1,2,2,6,6-pentamethylpiperidin-4-yl decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate (1065336-91-5)

Partition coefficient n-octanol/water (Log Pow)	2.37 - 2.77 @ 25 °C / pH 7
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## 12.4. Mobility in the soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

Component	
Hydrocarbons, C9, aromatics (128601-23-0; 64742-95-6)	This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII
xylene (1330-20-7)	This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII
N-butyl acetate (123-86-4)	This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

ethylbenzene (100-41-4)	This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII
1-methyl 1,2,2,6,6-pentamethylpiperidin-4-yl decanedioate bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate (1065336-91-5)	This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other harmful effects

No additional information available

## 13. Disposal Instructions






### 13.1. Waste treatment methods

Waste treatment methods	Dispose of contents/packaging in accordance with the sorting instructions of a recognized collection company.
Additional information	Highly flammable vapors can accumulate in the vessel.
EURAL code	08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MPL) OF COATINGS (PAINTS, LACQUERS AND ENAMELS), ADHESIVES, SEALANTS AND PRINTING INK 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
HP code	HP3 - "Flammable": <ul style="list-style-type: none"> <li>flammable liquid waste: liquid waste with a flash point below 60 °C or waste from gas oil, diesel and light fuel oil with a flash point of &gt; 55 °C and ≤ 75 °C;</li> <li>flammable pyrophoric liquid and solid waste: solid and liquid substances that, even in small quantities, ignite within five minutes when exposed to air;</li> <li>flammable solid waste: solid waste that is easily combustible or that can cause or promote fire through friction;</li> <li>flammable gaseous waste: gaseous waste that is flammable with air at 20 °C and a standard pressure of 101.3 kPa;</li> <li>water-reactive waste: waste that develops dangerous amounts of flammable gases when in contact with water;</li> <li>other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.</li> </ul>

## 14. Information Relating to Transport

Compliant with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
<b>14.2. Proper shipping name according to UN Model Regulations</b>				
VERF	PAINT	Paint	VERF	VERF

Description transport document				
UN 1263 VERF, 3, III, (D/E)	UN 1263 PAINT, 3, III	UN 1263 Paint, 3, III	UN 1263 VERF, 3, III	UN 1263 VERF, 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Environmentally hazardous : No	Environmentally hazardous : No Marine Pollution : No	Environmentally hazardous : No	Environmentally hazardous : No	Environmentally hazardous : No

No additional information available

## 14.6. Special precautions for user

### Road transport

Classification code (ADR)	F1
Special Provisions (ADR)	163, 367, 650
Limited Quantities (ADR)	5 L
Exempt Quantities (ADR)	E1
Packing Instructions (ADR)	P001, IBC03, LP01, R001
Special packaging requirements (ADR)	PP1
Mixed Packing Regulations (ADR)	MP19
Instructions for portable tanks and bulk containers (ADR)	T2
Special provisions for portable tanks and bulk containers (ADR)	TP1, TP29
Tank code (ADR)	LGBF
Tank transport vehicle	FL
Transport category (ADR)	3
Special transport provisions - Package (ADR)	V12
Special transport provisions - Company (ADR)	S2
Hazard Identification Number (Kemler No.)	30
Orange identification sign	<div>30</div> <div>1263</div>

Code for restrictions in tunnels (ADR)	D/E
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## Transport on the open sea

Special provision (IMDG)	163, 223, 367, 955
Limited Quantities (IMDG)	5 L
Excepted Quantities (IMDG)	E1
Packaging Instructions (IMDG)	P001, LP01
Special Packaging Regulations (IMDG)	PP1
Packing Instructions IBC (IMDG)	IBC03
Tank Instructions (IMDG)	T2
Special provisions for tanks (IMDG)	TP1, TP29
No. NS (Fire)	F-E
No. NS (Waste)	S-E
Stowage category (IMDG)	A
Measures and observations (IMDG)	Miscibility with water depends upon the composition.

## Air transport

PCA Expected Quantities (IATA)	E1
PCA Limited Quantities (IATA)	Y344
PCA limited quantity max. net quantity (IATA)	10 L
PCA Packing Regulations (IATA)	355
PCA Max Net Quantity (IATA)	60 L
CAO packaging regulations (IATA)	366
Collective labor agreement max. net amount (IATA)	220 L
Special provision (IATA)	A3, A72, A192
ERG code (IATA)	3 L

## Transport on inland waterways

Classification code (ADN)	F1
Special provision (ADN)	163, 367, 650
Limited Quantities (ADN)	5 L
Excepted Quantities (ADN)	E1
Required Equipment (ADN)	PP, EX, A
Ventilation (ADN)	VE01
Number of blue cones/lights (ADN)	0

## Railway transport

Classification code (RID)	F1
Special provision (RID)	163, 367, 650
Limited Quantities (RID)	5 L
Excepted Quantities (RID)	E1
Packing Instructions (RID)	P001, IBC03, LP01, R001
Special Packaging Instructions (RID)	PP1



Special requirements for joint packaging (RID)	MP19
Instructions for portable tanks and bulk containers (RID)	T2
Special provisions for portable tanks and bulk containers (RID)	TP1, TP29
Tank codes for RID tanks (RID)	LGBF
Transportcategorie (RID)	3
Special Provisions for Carriage - Packages (RID)	W12
Express package (RID)	CE4
Hazard Identification Number (RID)	30

## 14.7. Bulk maritime transport in accordance with IMO instruments

Does not apply

## 15. Regulations

### 15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture

#### 15.1.1. EU regulations

Contains no REACH candidate list substances

Contains no substances covered by Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance(s) covered by Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

VOC content	VOC content according to EC paint directive (2004/42/EC) EU limit value product Cat.A/j : 500 g/l (2010) This product contains less than 500 g/l VOC
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#### 15.1.2. National regulations

##### The Netherlands

SZW list of carcinogenic substances	None of the ingredients are present
SZW list of mutagens	None of the ingredients are present
NON-exhaustive list of for reproduction toxins – Breastfeeding	None of the ingredients are present
NON-exhaustive list of for reproduction toxins – Fertility	None of the ingredients are present
NON-exhaustive list of for reproduction toxic substances – Development	xylene is present

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## 16. Other Information

Other information	DISCLAIMER OF LIABILITY The information in this sheet was obtained from sources which we believe are reliable. However, the information is provided without any warranty - directly implied - as to its correctness. The conditions or methods of handling, storage, use or finishing of the product are beyond our control and control and may be beyond our knowledge. For these and other reasons, we do not accept any liability while expressly disclaiming liability for any loss, damage or expense which may arise in any way whatsoever from the handling, storage, use or finishing and disposal of the product. .
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Full text of sentences H and EUH:	
Acute Tox. 4 (Dermal)	Acute dermal toxicity, Category 4
Acute Tox. 4 (Inhalation)	Acute inhalation toxicity, Category 4
Aquatic Acute 1	Acute aquatic hazard, Category 1
Aquatic Chronic 1	Chronic hazard to the aquatic environment, Category 1
Aquatic Chronic 2	Chronic hazard to the aquatic environment, Category 2
Aquatic Chronic 3	Chronic hazard to the aquatic environment, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin Sensitization, Category 1A
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3, respiratory tract irritation
STOT SE 3	Specific target organ toxicity - single exposure, Category 3, narcotic effects
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	Can be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful by inhalation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic organisms.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of the usage descriptions	
PC9a	Coatings and paints, thinners, paint strippers
PROC10	Apply with a roller or brush
PROC7	Spraying in an industrial environment

Classification and procedure used to determine the classification of mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 3	H226	Based on test data
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method
STOT SE 3	H336	Calculation method
STOT RE 2	H373	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

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