

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)


Revision: 08.03.2022


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

- 1.1 Product identifier
- Trade name: **KEMPERDUR AC Park**
- UFI: 1KK9-F02Y-9001-J6V3
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture: Coating  
Identified use: intended for professional use only!
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: KEMPER SYSTEM LTD  
Kemper House  
30 Kingsland Grange  
Warrington  
WA1 4RW  
www.kempersystem.co.uk  
enquiries@kempersystem.co.uk  
phone: +44 (0)1925 445532  
fax: +44 (0)1925 575096
- Further information obtainable from: research & development
- 1.4 Emergency telephone number: Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen  
Langenbeckstraße 1; Gebäude 601; 55131 Mainz  
Tel. Nr.: +49 (0)6131 / 19 24 0  
Universitätsmedizin der Johannes Gutenberg-Universität Mainz

## SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  - Flam. Liq. 2 H225 Highly flammable liquid and vapour.
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
  - STOT SE 3 H335 May cause respiratory irritation.
  - Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms
 

  
GHS02

  
GHS07

The product is classified and labelled according to the CLP regulation.
- Signal word: Danger
- Hazard-determining components of labelling:
  - methyl methacrylate
  - 2-ethylhexyl acrylate
  - (1-methyl-1,2-ethanediy)bis[oxy(methyl-2,1-ethanediy)] diacrylate
  - tetramethylene dimethacrylate
  - Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-
- Hazard statements
  - H225 Highly flammable liquid and vapour.
  - H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H335 May cause respiratory irritation.
  - H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements
  - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
  - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.

(Contd. on page 2)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

- vPvB: Not applicable.

(Contd. of page 1)

## SECTION 3: Composition/information on ingredients

**- 3.2 Mixtures**

**- Description:** Mixture: consisting of the following components.

**- Dangerous components:**

CAS: 80-62-6 EINECS: 201-297-1 Index number: 607-035-00-6 Reg.nr.: 01-2119452498-28	methyl methacrylate Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	25-50%
CAS: 103-11-7 EINECS: 203-080-7 Index number: 607-107-00-7 Reg.nr.: 01-2119453158-37	2-ethylhexyl acrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412	25-50%
CAS: 42978-66-5 EINECS: 256-032-2 Index number: 607-249-00-X Reg.nr.: 01-2119484613-34	(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 Specific concentration limit: STOT SE 3; H335: C ≥ 10 %	≥2.5-<10%
CAS: 8002-74-2 EINECS: 232-315-6 Reg.nr.: 01-2119488076-30	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	0.5-2.5%
CAS: 2082-81-7 EINECS: 218-218-1 Index number: 607-134-00-4 Reg.nr.: 01-2119967415-30	tetramethylene dimethacrylate Skin Sens. 1B, H317	≥0.5-<1%
EC number: 911-490-9 Reg.nr.: 01-2119979579-10	Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]- Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1-<0.5%

**- Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

**- 4.1 Description of first aid measures**

**- General information:**

Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Do not leave affected persons unattended.  
Personal protection for the First Aider.  
Take affected persons out of danger area and lay down.

**- After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.

**- After skin contact:**

Seek medical treatment.  
Immediately wash with water and soap and rinse thoroughly.  
Seek medical treatment in case of complaints.

**- After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
Protect unharmed eye.

**- After swallowing:**

If symptoms persist consult doctor.

**- 4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

**- 5.1 Extinguishing media**

**- Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.

**- For safety reasons unsuitable extinguishing agents:**

Water with full jet

**- 5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.  
Nitrogen oxides (NO<sub>x</sub>)

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 2)

- 5.3 Advice for firefighters
- Protective equipment:
- Additional information

Carbon monoxide (CO)

Do not inhale explosion gases or combustion gases.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- 6.2 Environmental precautions:
- 6.3 Methods and material for containment and cleaning up:
- 6.4 Reference to other sections

Ensure adequate ventilation  
Keep away from ignition sources.  
Wear protective clothing.  
Avoid contact with skin and eyes

Inform respective authorities in case of seepage into water course or sewage system.  
Prevent from spreading (e.g. by damming-in or oil barriers).  
Do not allow to enter sewers/ surface or ground water.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Do not flush with water or aqueous cleansing agents  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
- Information about fire - and explosion protection:
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles:
- Information about storage in one common storage facility:
- Further information about storage conditions:
- Storage class:
- 7.3 Specific end use(s)

Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Use explosion-proof apparatus / fittings and spark-proof tools.

Store only in the original receptacle.

Store away from foodstuffs.  
Store away from water.

Protect from frost.  
Store in dry conditions.  
Store in cool, dry conditions in well sealed receptacles.  
Recommended storage temperature: 5-30 °C  
3

No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:

<b>80-62-6 methyl methacrylate</b>	
WEL	Short-term value: 416 mg/m <sup>3</sup> , 100 ppm Long-term value: 208 mg/m <sup>3</sup> , 50 ppm
<b>8002-74-2 Paraffin waxes and Hydrocarbon waxes</b>	
WEL	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>

- Regulatory information
- Additional information:
- 8.2 Exposure controls
- Appropriate engineering controls
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:

WEL: EH40/2020  
The lists valid during the making were used as basis.

No further data; see item 7.  
The usual precautionary measures are to be adhered to when handling chemicals.

(Contd. on page 4)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 3)

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
When used properly and under normal conditions, breathing protection is not required.  
Use suitable respiratory protective device in case of insufficient ventilation.  
Filter A/P2  
Respiratory protection - Gas filters and combination filters according to (DIN EN 141)

**- Respiratory protection:**

**- Hand protection**



Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.  
Check protective gloves prior to each use for their proper condition.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
After use of gloves apply skin-cleaning agents and skin cosmetics.

**- Material of gloves**

Recommended materials:  
Butyl rubber, BR  
Recommended thickness of the material:  $\geq 0.5$  mm  
Penetration time (min.):  $< 480$

**- Penetration time of glove material**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.  
The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**- As protection from splashes gloves made of the following materials are suitable:**

Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.1$  mm  
Penetration time (min.):  $< 10$

**- Eye/face protection**



Tightly sealed goggles

Protective goggles and facial protection - Classification according to EN 166

**- Body protection:**

Protective work clothing  
protective clothing (EN 13034)

### SECTION 9: Physical and chemical properties

**- 9.1 Information on basic physical and chemical properties**

**- General Information**

- Colour:	According to product specification
- Odour:	Characteristic
- Odour threshold:	Not determined.
- Melting point/freezing point:	Undetermined.
- Boiling point or initial boiling point and boiling range	100 °C
- Flammability	Not applicable.
- Lower and upper explosion limit	
- Lower:	Not determined.
- Upper:	Not determined.
- Flash point:	10 °C
- Auto-ignition temperature:	Product is not selfigniting.
- Decomposition temperature:	Not determined.
- pH	Not determined.
- Viscosity:	
- Kinematic viscosity at 20 °C	320 mm <sup>2</sup> /s
- Dynamic:	Not determined.
- Solubility	
- water:	Not miscible or difficult to mix.
- Partition coefficient n-octanol/water (log value)	Not determined.
- Density and/or relative density	
- Density at 20 °C:	0.97 g/cm <sup>3</sup>

(Contd. on page 5)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 4)

<ul style="list-style-type: none"> <li>- Relative density</li> <li>- Vapour density</li> </ul>	<p>Not determined. Not determined.</p>
<ul style="list-style-type: none"> <li>- 9.2 Other information</li> <li>- Appearance:</li> <li>- Form:</li> <li>- Important information on protection of health and environment, and on safety.</li> <li>- Ignition temperature:</li> <li>- Explosive properties:</li> <li>- Solvent separation test:</li> <li>- VOC (EC)</li> <li>- Change in condition</li> <li>- Evaporation rate</li> </ul>	<p>Fluid</p> <p>Not determined. Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</p> <p>4.40 %</p> <p>Not determined.</p>
<ul style="list-style-type: none"> <li>- Information with regard to physical hazard classes</li> <li>- Explosives</li> <li>- Flammable gases</li> <li>- Aerosols</li> <li>- Oxidising gases</li> <li>- Gases under pressure</li> <li>- Flammable liquids</li> <li>- Flammable solids</li> <li>- Self-reactive substances and mixtures</li> <li>- Pyrophoric liquids</li> <li>- Pyrophoric solids</li> <li>- Self-heating substances and mixtures</li> <li>- Substances and mixtures, which emit flammable gases in contact with water</li> <li>- Oxidising liquids</li> <li>- Oxidising solids</li> <li>- Organic peroxides</li> <li>- Corrosive to metals</li> <li>- Desensitised explosives</li> </ul>	<p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Highly flammable liquid and vapour.</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p>

## SECTION 10: Stability and reactivity

<ul style="list-style-type: none"> <li>- 10.1 Reactivity</li> <li>- 10.2 Chemical stability</li> <li>- Thermal decomposition / conditions to be avoided:</li> </ul>	<p>No further relevant information available.</p> <p>No decomposition if used according to specifications.</p>
---	--

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 5)

- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### - LD/LC50 values relevant for classification:

##### 80-62-6 methyl methacrylate

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	29.8 mg/l (rat)

##### 103-11-7 2-ethylhexyl acrylate

Oral	LD50	4,435 mg/kg (rat) (IUCLID)
Dermal	LD50	7,522 mg/kg (rabbit) (IUCLID)

##### 42978-66-5 (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate

Oral	LD50	2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	2,000 mg/kg (rabbit) (OECD 402)

##### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

##### 2082-81-7 tetramethylene dimethacrylate

Oral	LD50	10,066 mg/kg (rat) (OECD 401)
Dermal	LD50	>3,000 mg/kg (rabbit)

##### Reaction mass of 2,2'-[[4-methylphenyl]imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-

Oral	LD50	619 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause respiratory irritation.
- **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.
- **11.2 Information on other hazards**

#### - Endocrine disrupting properties

128-37-0 | 2,6-di-tert-butyl-p-cresol

List II

### SECTION 12: Ecological information

#### - 12.1 Toxicity

##### - Aquatic toxicity:

##### 80-62-6 methyl methacrylate

NOEC	37 mg/l (Daphnia magna) (21 days; OECD 202 Part 2, flow)
EC3	37 mg/l (Scenedesmus quadricauda) (DIN 38412 Part 9; 8d)
EC0	100 mg/l (Pseudomonas putida)
EC50	69 mg/l (Daphnia magna) (48 h; OECD 202)
LC 50	>79 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (96 h; OECD 203)

##### 103-11-7 2-ethylhexyl acrylate

Inhalative	LC50/8h	1.19 mg/l (rat) (OECD 403)
	LC50/96 h	1.8 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
	EC50	17 mg/l (Daphnia magna) (48h; IUCLID)
	EC50	>10,000 mg/l (Pseudomonas putida) (30 min.; IUCLID)

(Contd. on page 7)

EN\_GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 6)

IC50	44 mg/l (DESMODESMUS SUBSPICATUS) (72h, IUCLID)
LC50	23 mg/l (Leuciscus idus (Goldorfe)) (48h; IUCLID)
<b>42978-66-5 (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate</b>	
LC50	4.6-10 mg/l (Leuciscus idus) (96h; DIN38412- Teil 15)
EC50	>1,000 mg/l (Belebschlamm) (3h, OECD 209)
EC50	89 mg/l (Daphnia magna) (48h; US EPA)
EC50	65.9 mg/l (DESMODESMUS SUBSPICATUS) (72h; DIN 38412 Teil 9)
EC10	6.6 mg/l (DESMODESMUS SUBSPICATUS) (72h)
<b>8002-74-2 Paraffin waxes and Hydrocarbon waxes</b>	
LL 50	>100 mg/l (fish)
LE50	>10,000 mg/l (daphnia)
NOEL	>100 mg/l (ALGAE) (acute)
	>10 mg/l (daphnia) (long-term)
<b>2082-81-7 tetramethylene dimethacrylate</b>	
EC50	9.79 mg/l (DESMODESMUS SUBSPICATUS) (72h; OECD 201)
	32.5 mg/l (Idus melanotus) (48h; OECD 203)
NOEC	20 mg/l (Belebschlamm)
EC10	4.35 mg/l (DESMODESMUS SUBSPICATUS) (72d; OECD 201)
	7.51 mg/l (Daphnia magna) (21d; OECD 211)
<b>Reaction mass of 2,2'-[[4-methylphenyl]imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl][4-methylphenyl]amino]-</b>	
LC50/96 h	>100 mg/l (Cyprinus Carpio) (OECD 203 (96 hr))
EC50	>100 mg/l (Scenedesmus subspicatus) (OECD 201; static)
EC50	48 mg/l (Daphnia magna) (OECD 202; part 1 static)
EC50	>100 mg/l (Cyprinus Carpio) (96h; OECD 203; ISO 7346; 92/69/CEE; C.1 static)
NOEC	>100 mg/l (Scenedesmus subspicatus) (OECD 201, static)
<b>64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy</b>	
ErC50	4.1 mg/l (Pseudokirchneriella subcapitata) (72h, OECD 202)
LC50	10-30 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (96h; OECD 203)
EC50	10-22 mg/l (Daphnia magna) (48h; OECD 202)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:** Harmful to aquatic organisms  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Disposal according to official regulations  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### - European waste catalogue

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
15 01 10*	packaging containing residues of or contaminated by hazardous substances
17 02 03	plastic

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.03.2022



Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 7)

## SECTION 14: Transport information

- 14.1 UN number or ID number - ADR, IMDG, IATA	UN1993
- 14.2 UN proper shipping name - ADR - IMDG, IATA	1993 FLAMMABLE LIQUID, N.O.S. (METHYL METHACRYLATE MONOMER, STABILIZED) FLAMMABLE LIQUID, N.O.S. (METHYL METHACRYLATE MONOMER, STABILIZED)
- 14.3 Transport hazard class(es) - ADR	
	
- Class - Label	3 (F1) Flammable liquids. 3
- IMDG, IATA	
	
- Class - Label	3 Flammable liquids. 3
- 14.4 Packing group - ADR, IMDG, IATA	II
- 14.5 Environmental hazards:	Not applicable.
- 14.6 Special precautions for user - Hazard identification number (Kemler code): - EMS Number: - Stowage Category	Warning: Flammable liquids. 33 F-E,S-E B
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
- Transport/Additional information:	
- ADR - Limited quantities (LQ) - Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
- Transport category - Tunnel restriction code	2 D/E
- IMDG - Limited quantities (LQ) - Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
- UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (METHYL METHACRYLATE MONOMER, STABILIZED), 3, II

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
- Directive 2012/18/EU	
- Named dangerous substances - ANNEX I	None of the ingredients is listed.
- Seveso category	P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements	5,000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements	50,000 t

(Contd. on page 9)



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.03.2022

Version number 12 (replaces version 11)

Revision: 08.03.2022

Trade name: **KEMPERDUR AC Park**

(Contd. of page 8)

- **REGULATION (EC) No 1907/2006 ANNEX XVII**

Conditions of restriction: 3

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

108-88-3 toluene

3

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

108-88-3 toluene

3

- **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The safety data sheet issued is also compliant with the regulation Annex I of Regulation (EU) no. 453/2010 and Annex II of Regulation (EU) no. 2020/878.

- **Relevant phrases**

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

- **Department issuing SDS:**

research & development

- **Contact:**

research & development

- **Date of previous version:**

17.02.2021

- **Version number of previous version:**

11

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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 Harmonised 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 (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1B: Skin sensitisation – Category 1B  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- **Sources**

- [www.echa.europa.eu](http://www.echa.europa.eu)  
- [www.baua.de](http://www.baua.de)  
IFA: Institute für Occupational Safety and Health of the German Social Accident Insurance:  
- [www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp](http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp)  
- [www.dguv.de/ifa/gestis/gestis-dnel-liste](http://www.dguv.de/ifa/gestis/gestis-dnel-liste)

- **\* Data compared to the previous version altered.**