according to Regulation (EC) No. 1907/2006



## MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021
1.0	20.06.2021		

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

1.1	Product identifier					
	Product code	:	41672203			
	Trade name	:	MOBIHEL 2K hardener 1100			
	Unique Formula Identifier (UFI)	:	HDK0-X06P-K00C-DTM1			
1.2	Relevant identified uses of the	ne s	ubstance or mixture and uses advised against			
	Use of the Sub- stance/Mixture	:	PC9a Coatings and paints, thinners, paint removers			
	Recommended restrictions on use	:	Reserved for industrial and professional use.			
1.3	.3 Details of the supplier of the safety data sheet					
	Company	:	Helios TBLUS d.o.o. Količevo 65 1230 Domžale Slovenia			
	Telephone Company	:	386 (1) 722 4383			
	Telefax Company	:	386 (1) 722 4310			
	Responsible/issuing person	:	386 (1) 722 4383 productsafety@helios.si			
11	Emergency telephone num	hor				

#### 1.4 Emergency telephone number

Call 999 for emergency medical attention professionals only: National Poison Information Service (NPIS) 24h national number 0844 892 0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

### **SECTION 2: Hazards identification**

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

#### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

according to Regulation (EC) No. 1907/2006



## **MOBIHEL 2K hardener 1100**

Ver: 1.0	sion	Revision Date: 20.08.2021		Number: 000416722 EN	Date of last issue: - 2 Date of first issue: 20.08.2021	
	Acute t	oxicity, Category 4			H332: Harmful if inhaled.	
	Skin se	ensitisation, Catego	ry 1		H317: May cause an allergic skin reaction.	
		c target organ toxici , Category 3, Centra			H336: May cause drowsiness or dizziness.	
		c target organ toxici , Category 3, Respi			H335: May cause respiratory irritation.	
	Long-term (chronic) aquatic hazard, Cat- egory 3			ard, Cat-	H412: Harmful to aquatic life with long lasting effects.	
2.2	Label el	ements				
		ng (REGULATION pictograms	(EC) :	No 1272/20	008)	
	Signal	word	:	Warning		
	Hazard	statements	:	H317 M H332 H H335 M H336 M	Flammable liquid and vapour. May cause an allergic skin reaction. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.	
	Supple Statem	mental Hazard ents	:	EUH066 dryness o	Repeated exposure may cause skin or cracking.	

Precautionary statements :

**Prevention:** 

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P261 P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

#### **Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

Hexamethylene-di-isocyanate, polymer n-butyl acetate

according to Regulation (EC) No. 1907/2006



### MOBIHEL 2K hardener 1100

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	20.08.2021	MAT000416722 GB / EN	Date of first issue: 20.08.2021

2-butoxyethyl acetate Hydrocarbons, C9 aromatics

#### **Additional Labelling**

EUH204 Contains isocyanates. May produce an allergic reaction.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.	Clacomoditori	(% w/w)
	Index-No.		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Registration number		
Hexamethylene-di-isocyanate,	28182-81-2	Acute Tox. 4; H332	>= 30 - < 50
polymer	500-060-2	Skin Sens. 1; H317	
	01-2119485796-17	STOT SE 3; H335	
		(Respiratory system)	
n-butyl acetate	123-86-4	Flam. Liq. 3; H226	>= 20 - < 30
	204-658-1	STOT SE 3; H336	
	607-025-00-1	(Central nervous	
	01-2119485493-29	system)	
		EUH066	
2-butoxyethyl acetate	112-07-2	Acute Tox. 4; H302	>= 10 - < 20
	203-933-3	Acute Tox. 4; H332	
	607-038-00-2	Acute Tox. 4; H312	
	01-2119475112-47		
Hydrocarbons, C9 aromatics	-	Flam. Liq. 3; H226	>= 2,5 - < 10
		STOT SE 3; H336	
		(Central nervous	
	01-2119455851-35	system)	
		STOT SE 3; H335	
		(Respiratory system)	
		Asp. Tox. 1; H304	
		Aquatic Chronic 2;	
		H411	

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version Revision Date: SDS Nu 1.0 20.08.2021 MAT000 GB / EN		0416722	Date of last issue: - Date of first issue: 20.08.2021		
	on mixture of ethylbo ene and p-xylene	enzene,	- 905-562-9 01-2119555267-33	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304	>= 1 - < 10
	nt naphtha (petroleu ; Low boiling point n ccified		64742-95-6 265-199-0 649-356-00-4 01-2119455851-35	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous	>= 1 - < 2,5

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	:	Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	:	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

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

Risks	:	May cause an allergic skin reaction. Harmful if inhaled.
		May cause respiratory irritation.

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Revision Date: 20.08.2021	MAT	000416722	Date of last issue: - Date of first issue: 20.08.2021			
		May cause drowsin Repeated exposure	ess or dizziness. e may cause skin dryness or cracking.			
<b>4.3 Indication of any immediate medical attention and special treatment needed</b> Treatment       : Treat symptomatically.						
5: Firefighting m	easur	es				
uishing media						
le extinguishing med	dia :	Alcohol-resistant fo Carbon dioxide (CC Dry chemical				
table extinguishing	:	High volume water	jet			
I hazards arising fr	om the	e substance or mixt	ure			
ic hazards during fire g	ə- :	Do not allow run-of courses.	f from fire fighting to enter drains or water			
dous combustion pro	od- :	No hazardous com	bustion products are known.			
for firefighters						
al protective equipme fighters	ent :	In the event of fire,	wear self-contained breathing apparatus.			
er information	:	must not be discha Fire residues and c be disposed of in a For safety reasons rately in closed con	ontaminated fire extinguishing water must ccordance with local regulations. in case of fire, cans should be stored sepa-			
	20.08.2021 ion of any immedia nent 5: Firefighting m uishing media ole extinguishing media ole extinguishing media table extinguishing media table extinguishing fire ic hazards arising fr ic hazards during fire g dous combustion pro- e for firefighters al protective equipmedia ofighters	20.08.2021 MATC GB / ion of any immediate mean nent : <b>5: Firefighting measur</b> <b>uishing media</b> ele extinguishing media : table extinguishing media : table extinguishing media : <b>1 hazards arising from the</b> fic hazards during fire- g dous combustion prod- : <b>6 for firefighters</b> al protective equipment : ofighters	20.08.2021 MAT000416722 GB / EN May cause drowsin Repeated exposure ion of any immediate medical attention and a nent : Treat symptomatica <b>5: Firefighting measures</b> uishing media ble extinguishing media : Alcohol-resistant for Carbon dioxide (CC Dry chemical table extinguishing : High volume water I hazards arising from the substance or mixt ic hazards during fire- ig : Do not allow run-of courses. dous combustion prod- : No hazardous com e for firefighters al protective equipment : In the event of fire, fighters er information : Collect contaminate must not be discha Fire residues and c be disposed of in a For safety reasons rately in closed com			

6.1 Personal precautions, protective equipment and emergency procedures					
Personal precautions	:	Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.			

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Numbe MAT000416 GB / EN	
		If the	nt further leakage or spillage if safe to do so. product contaminates rivers and lakes or drains inform ctive authorities.
6.3 Metho	ds and material for	<sup>-</sup> containment	and cleaning up
Metho	ods for cleaning up	sorbe micul	in spillage, and then collect with non-combustible ab- nt material, (e.g. sand, earth, diatomaceous earth, ver- te) and place in container for disposal according to local anal regulations (see section 13).
	ence to other sections: 7, 8, 11, 12 and		

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

	Advice on safe handling :		Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
	Advice on protection against : fire and explosion		Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
	Hygiene measures :		When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2	Conditions for safe storage, in	clı	Iding any incompatibilities
	Requirements for storage : areas and containers		No smoking. Keep container tightly closed in a dry and well- ventilated place. Containers which are opened must be care- fully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
	Further information on stor- : age stability		No decomposition if stored and applied as directed.

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

#### 7.3 Specific end use(s)

Specific use(s)

: For further information, refer to the product technical data sheet.

Consult the technical guidelines for the use of this substance/mixture.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis			
Hexamethylene-di- isocyanate, poly- mer	28182-81-2	TWA	0,02 mg/m3 (NCO)	GB EH40			
	Further inform	nation: Capable of ca	ausing occupational asthma.				
		STEL	0,07 mg/m3 (NCO)	GB EH40			
	Further inform	nation: Capable of ca	ausing occupational asthma.				
n-butyl acetate	123-86-4	TWA	150 ppm 724 mg/m3	GB EH40			
		STEL	200 ppm 966 mg/m3	GB EH40			
		STEL	150 ppm 723 mg/m3	2019/1831/E U			
	Further information: Indicative						
		TWA	50 ppm 241 mg/m3	2019/1831/E U			
	Further information: Indicative						
2-butoxyethyl ace- tate	112-07-2	TWA	20 ppm 133 mg/m3	2000/39/EC			
	Further information: Identifies the possibility of significant uptake through the skin, Indicative						
		STEL	50 ppm 333 mg/m3	2000/39/EC			
	Further information: Identifies the possibility of significant uptake through the skin, Indicative						
		TWA	20 ppm 133 mg/m3	GB EH40			
	Further information: Can be absorbed through the skin. The assigned sub- stances are those for which there are concerns that dermal absorption will lead to systemic toxicity.						
		STEL	50 ppm 332 mg/m3	GB EH40			
	Further information: Can be absorbed through the skin. The assigned sub- stances are those for which there are concerns that dermal absorption will						

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Da 20.08.2021		0416722	Date of last issue: - Date of first issue: 20	0.08.2021
		lead to syster	nic toxicity.		
ethyll	ion mixture of benzene, m- le and p- le	1330-20-7	TWA	50 ppm 221 mg/m3	2000/39/EC
		Further inform skin, Indicativ		ies the possibility of significa	nt uptake through the
			STEL	100 ppm 442 mg/m3	2000/39/EC
		Further inform skin, Indicativ		ies the possibility of significa	nt uptake through the
			TWA	50 ppm 220 mg/m3	GB EH40
				e absorbed through the skin.	-

	stances are those for which there are concerns that dermal absorption will		
lead	lead to systemic toxicity.		
	STEL	100 ppm	GB EH40
		441 mg/m3	
Furt	her information: Can be	absorbed through the skin.	The assigned sub-
stan	stances are those for which there are concerns that dermal absorption will		
lead	to systemic toxicity.		-

#### **Biological occupational exposure limits**

Substance name	CAS-No.	Control parameters	Sampling time	Basis
Hexamethylene-di- isocyanate, polymer	28182-81-2	isocyanate-derived diamine (Isocya- nates): 1 µmol/mol creatinine (Urine)	At the end of the period of exposure	GB EH40 BAT
reaction mixture of ethylbenzene, m-xylene and p-xylene	1330-20-7	methyl hippuric acid: 650 Millimo- les per mole Creat- inine (Urine)	After shift	GB EH40 BAT

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

	. ,		· /	
Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Hexamethylene-di- isocyanate, polymer	Workers	Inhalation	Long-term local ef- fects	0,5 mg/m3
	Workers	Inhalation	Long-term systemic effects	1 mg/m3
n-butyl acetate	Workers	Inhalation	Acute systemic ef- fects	600 mg/m3
	Workers	Inhalation	Acute local effects	600 mg/m3
	Workers	Inhalation	Long-term systemic effects	48 mg/m3
	Workers	Inhalation	Long-term local ef- fects	300 mg/m3
	Consumers	Inhalation	Acute systemic ef- fects	300 mg/m3
	Consumers	Inhalation	Acute local effects	300 mg/m3

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

ersion Revision Date: 20.08.2021		SDS Number: MAT000416722 GB / EN		Date of last issue: - Date of first issue: 20.08.2021		
		Consumers	Inhalation	Long-term systemic effects	12 mg/m3	
	Consumers Inl		Inhalation	Long-term local ef- fects	35,7 mg/m	
		Consumers	Dermal	Long-term systemic effects	3,4 mg/kg bw/day	
		Consumers	Dermal	Acute systemic ef- fects	6 mg/kg bw/day	
		Consumers	Oral	Long-term systemic effects	2 mg/kg bw/day	
		Consumers	Oral	Acute systemic ef- fects	2 mg/kg bw/day	
		Workers	Dermal	Long-term systemic effects	7 mg/kg bw/day	
		Workers	Dermal	Acute systemic ef- fects	11 mg/kg bw/day	
2-butc	oxyethyl acetate	Workers	Inhalation	Long-term systemic effects	333 mg/m3	
		Consumers	Oral	Long-term systemic effects	86 mg/kg bw/day	
		Workers	Dermal	Long-term systemic effects	169 mg/kg bw/day	
		Workers	Dermal	Acute systemic ef- fects	120 mg/kg bw/day	
		Consumers	Dermal	Long-term systemic effects	102 mg/kg bw/day	
		Consumers	Dermal	Acute systemic ef- fects	72 mg/kg bw/day	
		Consumers	Oral	Acute systemic ef- fects	36 mg/kg bw/day	
Hydro aroma	carbons, C9 atics	Workers	Inhalation	Long-term systemic effects	150 mg/m3	
		Workers	Oral	Long-term systemic effects	150 mg/m3	
		Consumers	Inhalation	Long-term exposure	32 mg/m3	
		Workers	Dermal	Long-term systemic effects	25 mg/kg bw/day	
		Consumers	Dermal	Long-term systemic effects	11 mg/kg bw/day	
ethylb	on mixture of enzene, m- e and p-xylene	Workers	Inhalation	Long-term systemic effects	77 mg/m3	
	Consumers	Inhalation	Long-term local ef- fects	65,3 mg/m		
		Workers	Inhalation	Acute systemic ef- fects	442 mg/m3	
		Workers	Inhalation	Acute local effects	289 mg/m3	
		Consumers	Inhalation	Acute systemic ef- fects	260 mg/m3	
		Workers	Inhalation	Long-term local ef- fects	221 mg/m3	
		Consumers	Inhalation	Long-term systemic	14,8 mg/m	

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Vers 1.0	sion Revision Date: 20.08.2021	SDS Numbe MAT000416 GB / EN		Date of last issue: - Date of first issue: 20.08.2021
				effects
		Consumers	Inhalation	Acute local effects 260 mg/m3
		Consumers	Dermal	Long-term systemic 108 mg/kg effects bw/day
		Consumers	Oral	Long-term systemic 16 mg/kg effects bw/day
		Workers	Dermal	Long-term systemic 180 mg/kg effects bw/day
	Solvent naphtha (pe- troleum), light arom.; Low boiling point naphtha -unspecified	Workers	Inhalation	Long-term systemic 150 mg/m3 effects
		Consumers	Inhalation	Long-term systemic 32 mg/m3 effects
		Consumers	Dermal	Long-term systemic 11 mg/kg effects bw/day
		Workers	Dermal	Long-term systemic 25 mg/kg effects bw/day
		Consumers	Oral	Long-term systemic 11 mg/kg effects bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Hexamethylene-di-isocyanate,	Soil	53182 mg/kg dry
polymer		weight (d.w.)
	Marine water	0,0127 mg/l
	Fresh water	0,127 mg/l
	Marine sediment	26670 mg/kg dry
		weight (d.w.)
	Fresh water sediment	266670 mg/kg
		dry weight (d.w.)
	Sewage treatment plant	38,3 mg/l
	Intermittent use/release	1,27 mg/l
n-butyl acetate	Soil	0,0903 mg/kg dry
-		weight (d.w.)
	Marine water	0,018 mg/l
	Fresh water	0,18 mg/l
	Marine sediment	0,0981 mg/kg dry
		weight (d.w.)
	Fresh water sediment	0,981 mg/kg dry
		weight (d.w.)
	Sewage treatment plant	35,6 mg/l
	Intermittent use/release	0,36 mg/l
2-butoxyethyl acetate	Soil	0,415 mg/kg dry
		weight (d.w.)
	Marine water	0,0304 mg/l
	Fresh water	0,304 mg/l
	Marine sediment	0,203 mg/kg dry
		weight (d.w.)
	Fresh water sediment	2,03 mg/kg dry
		weight (d.w.)
	Sewage treatment plant	90 mg/l

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version	
1.0	

Revision Date: 20.08.2021

SDS Number: MAT000416722 GB / EN Date of last issue: -Date of first issue: 20.08.2021

	Intermittent use/release	0,56 mg/l
3-methoxybutyl acetate	Soil	0,00397 mg/kg
		dry weight (d.w.)
	Marine water	0,00071 mg/l
	Fresh water	0,0071 mg/l
	Marine sediment	0,0041 mg/kg dry
		weight (d.w.)
	Fresh water sediment	0,041 mg/kg dry
		weight (d.w.)
	Sewage treatment plant	1 mg/l
	Intermittent use/release	0,071 mg/l
reaction mixture of ethylbenzene,	Soil	2,31 mg/kg dry
m-xylene and p-xylene		weight (d.w.)
	Marine water	0,327 mg/l
	Fresh water	0,327 mg/l
	Marine sediment	12,46 mg/kg dry
		weight (d.w.)
	Fresh water sediment	12,46 mg/kg dry
		weight (d.w.)
	Sewage treatment plant	6,58 mg/l
	Intermittent use/release	0,327 mg/l

#### 8.2 Exposure controls

Personal protective equipment				
Eye protection :	:	Equipment should conform to EN 166 Eye wash bottle with pure water Tightly fitting safety goggles		
Hand protection				
Gloves	:	Viton® (> 0,6 mm; < 240 min); DIN EN374     PE laminate (> 0,1 mm; < 240 min); DIN EN374		
Remarks :	:	Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local condi- tions under which the product is used, such as the danger of cuts, abrasion, and the contact time.		
Skin and body protection	:	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.		
Respiratory protection :	:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 14387		
Filter type	:	Organic vapour type (A)		

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	20.08.2021	MAT000416722 GB / EN	Date of first issue: 20.08.2021

### **SECTION 9: Physical and chemical properties**

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

Physical state	:	liquid
Colour	:	colourless
Odour	:	solvent-like
Odour Threshold	:	No data available
Melting point/freezing point	:	-80,0 °C (calculation method (principal components, lowest value))
Boiling point/boiling range	:	126 °C (calculation method (principal components, lowest value))
Flammability	:	Static-accumulating flammable liquid., Combustible Solids
Upper explosion limit / Upper flammability limit	:	8,4 %(V) (calculation method (principal components, highest value))
Lower explosion limit / Lower flammability limit	:	0,8 %(V) (calculation method (principal components, highest value))
Flash point	:	38 °C
Ignition temperature	:	280 °C (calculation method (principal components, highest value))
Decomposition temperature Decomposition temperature	:	No decomposition if stored and applied as directed. Hazardous decomposition products formed under fire condi- tions.
рН	:	Not applicable
Viscosity Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Flow time	:	12 s at 20 °C Cross section: 4 mm Method: DIN 53211
Solubility(ies) Water solubility	:	immiscible, partly soluble
Solubility in other solvents	:	Description: miscible with most organic solvents

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021			Date of last issue: - Date of first issue: 20.08.2021
	Partition coefficier octanol/water	nt: n- :	log Pow: < est value))	4 (calculation method (principal components, high-
	Vapour pressure	:	< 1.100 hPa est value)) (50 °C)	a (calculation method (principal components, high-
	Relative density	:	0,93 (calcul ue))	lation method (principal components, highest val-
	Density	:	0,99 g/cm3	
	Relative vapour d	ensity :	5,5 (calcula	tion method (principal components, lowest value))
			(Air = 1.0)	
9.2	2 Other information	l		
	Explosives	:	Not applica	ble
	Oxidizing properti	es :	Sustains co	ombustion

### **SECTION 10: Stability and reactivity**

10.1 Reactivity	and the second of the				
No decomposition if stored and a	ipplied as directed.				
10.2 Chemical stability					
No decomposition if stored and applied as directed.					
10.3 Possibility of hazardous reactions					
Hazardous reactions :	No decomposition if stored and applied as directed.				
	Vapours may form explosive mixture with air.				
10.4 Conditions to avoid					
Conditions to avoid :	Heat, flames and sparks.				
10.5 Incompatible materials					
Materials to avoid :	Incompatible with strong acids and bases.				
10.6 Hazardous decomposition products					
Adequate ventilation is required. Heating can release vapours which can be ignited. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).					

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	20.08.2021	MAT000416722 GB / EN	Date of first issue: 20.08.2021

#### **SECTION 11: Toxicological information**

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

	,
Acute toxicity	
Harmful if inhaled.	
Product:	
Acute oral toxicity :	Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method
Acute inhalation toxicity :	Acute toxicity estimate: 19,11 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity :	Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method
Components:	
Hexamethylene-di-isocyanate,	polymer:
Acute inhalation toxicity :	Assessment: The component/mixture is moderately toxic after short term inhalation.
n-butyl acetate:	
•	LD50 Oral (Rat): >= 10.760 mg/kg
Acute dermal toxicity :	LD50 (Rabbit): >= 5.000 mg/kg
2-butoxyethyl acetate:	
	Assessment: The component/mixture is moderately toxic after single ingestion.
	LD50 Oral (Rat): >= 2.400 mg/kg
Acute inhalation toxicity :	LC50 (Rat): >= 50 mg/l Exposure time: 2 h Test atmosphere: vapour
Acute dermal toxicity :	Assessment: The component/mixture is moderately toxic after single contact with skin.
	LD50 (Rabbit): >= 1.500 mg/kg
Hudrocarbons CO aromatica	
Hydrocarbons, C9 aromatics: Acute dermal toxicity :	LD50 (Rabbit): > 3.160 mg/kg

#### reaction mixture of ethylbenzene, m-xylene and p-xylene:

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

)	Revision Date: 20.08.2021		Number:Date of last issue: -000416722Date of first issue: 20.08.2021EN
Acute	e oral toxicity	:	LD50 Oral (Rat): >= 8.700 mg/kg
Acute	e inhalation toxicity	:	Test atmosphere: vapour Assessment: The component/mixture is moderately toxic aft short term inhalation.
Acute	e dermal toxicity	:	Assessment: The component/mixture is moderately toxic aft single contact with skin.
	ent naphtha (petrol	eum), li :	ight arom.; Low boiling point naphtha -unspecified: LD50 Oral (Rat): > 2.000 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat): > 5 mg/l Test atmosphere: vapour
Acute dermal toxicity		:	LD50 (Rabbit): > 2.000 mg/kg
	uct:		skin dryness or cracking. May cause skin irritation and/or dermatitis.
Com	ponents:		
react	ion mixture of ethy	lbenzer	ne, m-xylene and p-xylene:
Resu	•	:	irritating
ivesu	It	-	
Serio	it <b>ous eye damage/ey</b> e lassified based on a		
Serio	ous eye damage/eye lassified based on a		
Serio Not c	ous eye damage/eye lassified based on a <u>uct:</u>		
Serio Not c <u>Prod</u> Rema	ous eye damage/eye lassified based on a <u>uct:</u>		information. Vapours may cause irritation to the eyes, respiratory system
Serio Not c <u>Prod</u> Rema	ous eye damage/eye lassified based on a <u>uct:</u> arks ponents:	vailable :	information. Vapours may cause irritation to the eyes, respiratory system
Serio Not c <u>Prod</u> Rema	ous eye damage/eye lassified based on a <u>uct:</u> arks <u>ponents:</u> ion mixture of ethy	vailable :	information. Vapours may cause irritation to the eyes, respiratory system and the skin.
Serio Not c Prod Rema <u>Com</u> react Resu	ous eye damage/eye lassified based on a <u>uct:</u> arks <u>ponents:</u> ion mixture of ethy	vailable : Ibenzer :	<ul> <li>information.</li> <li>Vapours may cause irritation to the eyes, respiratory system and the skin.</li> <li>ne, m-xylene and p-xylene:</li> <li>Eye irritation</li> </ul>
Serio Not c Prod Rema Com react Resu Resp Skin	ous eye damage/eye lassified based on a <u>uct:</u> arks ponents: ion mixture of ethy It iratory or skin sens	vailable : Ibenzer : sitisatic	<ul> <li>information.</li> <li>Vapours may cause irritation to the eyes, respiratory system and the skin.</li> <li>ne, m-xylene and p-xylene:</li> <li>Eye irritation</li> </ul>
Serio Not c Prod Rema Com react Resu Resp Skin May o Resp	bus eye damage/eye lassified based on a <u>uct:</u> arks ponents: ion mixture of ethy lt iratory or skin sens sensitisation cause an allergic ski	vailable : Ibenzer : sitisatic n reactic n	<ul> <li>information.</li> <li>Vapours may cause irritation to the eyes, respiratory system and the skin.</li> <li>ne, m-xylene and p-xylene: Eye irritation</li> <li>on</li> </ul>
Serio Not c Prod Rema Com react Resu Resp Skin May o Resp	bus eye damage/eye lassified based on a <u>uct:</u> arks ponents: ion mixture of ethy lt iratory or skin sens sensitisation cause an allergic ski iratory sensitisatio lassified based on a	vailable : Ibenzer : sitisatic n reactic n	<ul> <li>information.</li> <li>Vapours may cause irritation to the eyes, respiratory system and the skin.</li> <li>ne, m-xylene and p-xylene: Eye irritation</li> <li>on</li> </ul>

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021
		GB / EN	

#### **Components:**

pability or evidence of skin sensitisation in humans mation. mation. rom.; Low boiling point naphtha -unspecified: ssified based on benzene content < 0.1% (Regulation (EC) 2/2008, Annex VI, Part 3, Note P) mation.
mation. rom.; Low boiling point naphtha -unspecified: ssified based on benzene content < 0.1% (Regulation (EC) 2/2008, Annex VI, Part 3, Note P) mation.
mation. rom.; Low boiling point naphtha -unspecified: ssified based on benzene content < 0.1% (Regulation (EC) 2/2008, Annex VI, Part 3, Note P) mation.
rom.; Low boiling point naphtha -unspecified: ssified based on benzene content < 0.1% (Regulation (EC 2/2008, Annex VI, Part 3, Note P) mation.
ssified based on benzene content < 0.1% (Regulation (EC) 2/2008, Annex VI, Part 3, Note P) mation.
ssified based on benzene content < 0.1% (Regulation (EC) 2/2008, Annex VI, Part 3, Note P) mation.
ssified based on benzene content < 0.1% (Regulation (EC) 2/2008, Annex VI, Part 3, Note P) mation.
ner:
ner:
ner:
ner:
cause respiratory irritation.
cause drowsiness or dizziness.
cause drowsiness or dizziness.
cause respiratory irritation.
-xylene and p-xylene:
cause respiratory irritation.
rom.; Low boiling point naphtha -unspecified:
and a drawning on a distinger
v cause drowsiness or dizziness.
n y a

Not classified based on available information.

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	20.08.2021	MAT000416722 GB / EN	Date of first issue: 20.08.2021

#### **Components:**

#### reaction mixture of ethylbenzene, m-xylene and p-xylene:

Assessment

: May cause damage to organs through prolonged or repeated exposure.

#### Aspiration toxicity

Not classified based on available information.

#### Components:

Hydrocarbons, C9 aromatics:

May be fatal if swallowed and enters airways.

#### reaction mixture of ethylbenzene, m-xylene and p-xylene:

May be fatal if swallowed and enters airways.

#### Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:

May be fatal if swallowed and enters airways.

#### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

Product:

Assessment	:	The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Further information		

#### Product:

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### Components:

#### n-butyl acetate:

Toxicity to algae/aquatic : NOEC (Desmodesmus subspicatus (green algae)): > 200 mg/l plants

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Vers 1.0	ion	Revision Date: 20.08.2021		00416722 D	ate of last issue: - ate of first issue: 20.08.2021
				EC50 (Desmodesmus s mg/l Exposure time: 72 h	ubspicatus (green algae)): >= 647,7
	Toxicity	to microorganisms	:	IC50 (Tetrahymena pyri Exposure time: 40 h	formis): 356 mg/l
	2-buto	yethyl acetate:			
	Toxicity		:	LC50 (Fish): >= 31 mg/l Exposure time: 96 h	
		to daphnia and oth invertebrates	ier :	LC50 (Daphnia (water fl Exposure time: 48 h	lea)): >= 142,5 mg/l
	Toxicity	to microorganisms	:	EC50 (Bacteria): >= 2.8	00 mg/l
	Hydroc	arbons, C9 aroma	tics:		
	Toxicity	to fish	:	LC50 (Fish): >= 9,2 mg/ Exposure time: 96 h	1
		to daphnia and oth invertebrates	ier :	EC50 (Daphnia (water f Exposure time: 48 h	lea)): >= 3,2 mg/l
	Ecotox	icology Assessme	ent		
		aquatic toxicity	:	Toxic to aquatic life with	long lasting effects.
	reaction mixture of ethylber		benzei	ne, m-xylene and p-xyle	ne:
	Toxicity	to fish	:	LC50 (Fish): >= 1 - 10 n	ng/l
		to daphnia and oth invertebrates	ier :	LC50 (Daphnia (water f	ea)): >= 1 - 10 mg/l
	Toxicity	to microorganisms	:	EC50 (Bacteria): >= 1 -	100 mg/l
	Solven	t naphtha (petrole	um), li	ght arom.; Low boiling	point naphtha -unspecified:
	Toxicity	to fish	:	LC50 (Fish): > 1 - 10 m	g/l
		to daphnia and oth invertebrates	ier :	LC50 (Daphnia (water fl	lea)): > 1 - 10 mg/l
	Toxicity	to microorganisms	:	EC50 (Bacteria): > 1 - 1	0 mg/l
		icology Assessme	ent :	Toxic to aquatic life with	long lasting effects.

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021

### 12.2 Persistence and degradability

		-	
	Components:		
	n-butyl acetate:		
	Biodegradability	:	Result: Biodegradable Biodegradation: 83 % Exposure time: 28 d Method: OECD Test Guideline 301D
	Stability in water	:	Degradation half life: 78 d pH: 8 Hydrolyses slowly.
	Photodegradation	:	Decomposes rapidly in contact with light.
	2-butoxyethyl acetate:		
	Biodegradability	:	Result: Biodegradable
	reaction mixture of ethylber	nzei	ne, m-xylene and p-xylene:
	Biodegradability	:	Readily biodegradable.
	Photodegradation	:	Decomposes rapidly in contact with light.
12.3	3 Bioaccumulative potential		
	Components:		
	n-butyl acetate:		
	Bioaccumulation	:	Bioconcentration factor (BCF): 15 Bioaccumulation is unlikely.
	•	:	
	Bioaccumulation Partition coefficient: n- octanol/water	:	Bioaccumulation is unlikely.
	Bioaccumulation Partition coefficient: n-		Bioaccumulation is unlikely.
	Bioaccumulation Partition coefficient: n- octanol/water <b>2-butoxyethyl acetate:</b> Partition coefficient: n- octanol/water	:	Bioaccumulation is unlikely. log Pow: 1,81
	Bioaccumulation Partition coefficient: n- octanol/water <b>2-butoxyethyl acetate:</b> Partition coefficient: n-	:	Bioaccumulation is unlikely. log Pow: 1,81
	Bioaccumulation Partition coefficient: n- octanol/water <b>2-butoxyethyl acetate:</b> Partition coefficient: n- octanol/water <b>Hydrocarbons, C9 aromatic</b> Partition coefficient: n-	: S:	Bioaccumulation is unlikely. log Pow: 1,81 log Pow: 1,51 log Pow: < 4
	Bioaccumulation Partition coefficient: n- octanol/water <b>2-butoxyethyl acetate:</b> Partition coefficient: n- octanol/water <b>Hydrocarbons, C9 aromatic</b> Partition coefficient: n- octanol/water	: S:	Bioaccumulation is unlikely. log Pow: 1,81 log Pow: 1,51 log Pow: < 4
	Bioaccumulation Partition coefficient: n- octanol/water 2-butoxyethyl acetate: Partition coefficient: n- octanol/water Hydrocarbons, C9 aromatic: Partition coefficient: n- octanol/water reaction mixture of ethylber	s: nzei	Bioaccumulation is unlikely. log Pow: 1,81 log Pow: 1,51 log Pow: < 4 <b>ne, m-xylene and p-xylene:</b> Bioconcentration factor (BCF): 25,9

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021
		GB/EN	

### 12.4 Mobility in soil

s:
: Medium: Air Content: 92,9 %
: Medium: Water Content: 3,5 %
: Medium: Soil Content: 1,9 %
: Medium: Sediment Content: 1,8 %
: Koc: 1,71 - 14,70 Mobile in soils
The product is insoluble and floats on water.
nzene, m-xylene and p-xylene:
: Koc: 537, log Koc: 2,73 Moderately mobile in soils The product evaporates from soil.
: Dissipation time: 23 d Percentage dissipation: 50 % (DT50)
r

#### 12.5 Results of PBT and vPvB assessment

#### Product:

to be very	substance/mixture contains no components considered e either persistent, bioaccumulative and toxic (PBT), or persistent and very bioaccumulative (vPvB) at levels of o or higher
---------------	---

#### **12.6 Endocrine disrupting properties**

Product:	
Assessment	<ul> <li>The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.</li> </ul>

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	20.08.2021	MAT000416722 GB / EN	Date of first issue: 20.08.2021

#### 12.7 Other adverse effects

#### Product:

Additional ecological infor-		An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
mation		Harmful to aquatic life with long lasting effects.

#### **SECTION 13:** Disposal considerations

13.1 Waste treatment methods		
Product	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.
Waste Code	:	08 00 00, WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 08 01 00, wastes from MFSU and removal of paint and var- nish 08 01 11*, waste paint and varnish containing organic sol- vents or other hazardous substances 15 00 00, WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED 15 01 00, packaging (including separately collected municipal packaging waste) 15 01 10*, packaging containing residues of or contaminated by hazardous substances HP3, Flammable HP6, Acute Toxicity HP13, Sensitising

#### **SECTION 14: Transport information**

#### 14.1 UN number or ID number

ADN	:	UN 1263
ADR	:	UN 1263
RID	:	UN 1263
IMDG	:	UN 1263

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021
ΙΑΤΑ		: UN 1263	
14.2 UN p	roper shipping nan	ne	
ADN		: PAINT	
ADR		: PAINT	
RID		: PAINT	
IMDG	ì	: PAINT	
ΙΑΤΑ		: Paint	
14.3 Trans	sport hazard class(	es)	
ADN		: 3	
ADR		: 3	
RID		: 3	
IMDG	ì	: 3	
ΙΑΤΑ		: 3	
14.4 Pack	ing group		
Class Haza Label <b>ADR</b> Packi	ng group ification Code rd Identification Num s ng group ification Code	: III : F1 ber : 30 : 3 : III : F1	
Haza Label	rd Identification Num		
Class	ng group ification Code rd Identification Num s	: III : F1 ber : 30 : 3	
<b>IMDG</b> Packi Label EmS	ng group s	: III : 3 : F-E, <u>S-E</u>	
Packi aircra			
	ng instruction (LQ) ng group s	: Y344 : III : Flammable I	Liquids
	(Passenger) ng instruction (passe		

according to Regulation (EC) No. 1907/2006



## **MOBIHEL 2K hardener 1100**

Vers 1.0	sion	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN		Date of last issue: - Date of first issue: 20.08.2021
		g instruction (LQ) g group	:	Y344 III Flammable Liquids	
14.5	5 Enviro	onmental hazards			
	<b>ADN</b> Enviro	nmentally hazardou	s :	no	
	<b>ADR</b> Enviro	nmentally hazardou	s :	no	
	<b>RID</b> Enviro	nmentally hazardou	s :	no	
	<b>IMDG</b> Marine	pollutant	:	no	

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Not applicable
Seveso III: Directive 2012/18/EU of the Euro- P5c pean Parliament and of the Council on the	FL/	AMMABLE LIQUIDS

according to Regulation (EC) No. 1907/2006



# MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021
----------------	------------------------------	--	--

control of major-accident hazards involving dangerous substances.

34

Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

#### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

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

#### **Full text of H-Statements**

H226 H302 H304 H312 H315 H317 H319 H332 H335 H336 H373 H411 EUH066		Flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.		
Full text of other abbreviations				
Acute Tox. Aquatic Chronic Asp. Tox. Eye Irrit. Flam. Liq.	:			

according to Regulation (EC) No. 1907/2006



### MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021		Number: 000416722 EN	Date of last issue: - Date of first issue: 20.08.2021		
Skin Irrit. Skin Sens. STOT RE STOT SE 2000/39/EC 2019/1831/EU GB EH40 GB EH40 BAT 2000/39/EC / TWA 2000/39/EC / STEL 2019/1831/EU / STEL GB EH40 / TWA GB EH40 / STEL		:	Skin irritation Skin sensitisation			
		:	: Specific target organ toxicity - repeated exposure			
		<ul> <li>Specific target organ toxicity - single exposure</li> <li>Europe. Commission Directive 2000/39/EC establishing a first</li> </ul>				
		•		ipational exposure limit values		
		: Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values				
		:	<ul> <li>UK. EH40 WEL - Workplace Exposure Limits</li> <li>UK. Biological monitoring guidance values</li> <li>Limit Value - eight hours</li> </ul>			
		:				
		:				
		:	Short term exposure			
		:	Limit Value - eight he			
		:	Short term exposure			
		:		limit (8-hour TWA reference period)		
		:	Short-term exposure	e limit (15-minute reference period)		

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency: EC-Number - European Community number: ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule: ENCS - Existing and New Chemical Substances (Japan): ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP -Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL -International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS -Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

#### Classification of the mixture:

Classification procedure:

Flam. Liq. 3

H226

Based on product data or assessment

according to Regulation (EC) No. 1907/2006



## MOBIHEL 2K hardener 1100

Version 1.0	Revision Date: 20.08.2021	SDS Number: MAT000416722 GB / EN	Date of last issue: - Date of first issue: 20.08.2021
Acute Tox. 4		H332	Calculation method
Skin Sens. 1 STOT SE 3 STOT SE 3		H317	Calculation method
		H336	Calculation method
		H335	Calculation method
Aquatic Chronic 3		H412	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.