

MOBIHEL 2K ELASTIC ADDITIVE

Version	Revision Date: 13.02.2024	SDS Number:	Date of last issue: -
1.0		MAT000470565	Date of first issue: 13.02.2024
		IE/EN	

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

1.1	Product identifier Trade name	:	MOBIHEL 2K ELASTIC ADDITIVE
	Product code	:	47056501
1.2	Relevant identified uses of th	e 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	Details of the supplier of the	sa	fety 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

1.4 Emergency telephone number

- 01 809 2166 National Poisons Information Centre 01 809 2166
- 01 809 2566 Healtcare Professionals 01 809 2566
- 01 809 2566 Healtcare Professionals 01 809 2566

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12	72/2008)
Flammable liquids, Category 3 Specific target organ toxicity - single ex- posure, Category 3, Central nervous	H226: Flammable liquid and vapour. H336: May cause drowsiness or dizziness.
system Long-term (chronic) aquatic hazard, Cat-	H412: Harmful to aquatic life with long lasting ef-

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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ego	ory 3			fects.
2.2 Lab	el elements			
Lab	elling (REGULA	ION (EC)	No 1272/200	8)
Haz	zard pictograms	:		
Sig	nal word	:	Warning	•
Haz	zard statements	:	H226 H336 H412	Flammable liquid and vapour. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.
	pplemental Hazard tements	:	EUH066	Repeated exposure may cause skin dryness or cracking.
Pre	cautionary statem	ents :	Prevention	:
			P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
			P261 P273	Avoid breathing mist or vapours. Avoid release to the environment.
			Response:	
			P303 + P36	ately all contaminated clothing. Rinse skin with water.
			P304 + P34	0 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
			P370 + P37	•

Hazardous components which must be listed on the label:

n-butyl acetate Hydrocarbons, C9 aromatics

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.

Commission Regulation (EU) 2020/878



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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
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	
Hydrocarbons, C9 aromatics		Flam. Liq. 3; H226	>= 2.5 - < 10
Trydrocarbons, C9 aromatics	918-668-5	STOT SE 3; H336	2-2.5-< 10
	510 000 5	(Central nervous	
	01-2119455851-35	system)	
		STOT SE 3; H335	
		(Respiratory system)	
		Asp. Tox. 1; H304	
		Aquatic Chronic 2;	
		H411	
reaction mixture of ethylbenzene,	-	Flam. Liq. 3; H226	>= 1 - < 10
m-xylene and p-xylene	905-562-9	Acute Tox. 4; H332	
		Acute Tox. 4; H312	
	01-2119555267-33	Skin Irrit. 2; H315	
		Eye Irrit. 2; H319	
		STOT SE 3; H335	
		(Respiratory system)	
		STOT RE 2; H373	
		Asp. Tox. 1; H304	

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 attendand Do not leave the victim unattended.	ce.
If inhaled	: Consult a physician after significant exposure. If unconscious, place in recovery position and seek m advice.	redical
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.	



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		F		
lf swa	allowed	E N I	lever give any f symptoms pe	ry tract clear. k or alcoholic beverages. thing by mouth to an unconscious person. ersist, call a physician. nediately to hospital.
4.2 Most i	important symptoms	and eff	ects, both ac	ute and delayed
Risks	3			wsiness or dizziness. Isure may cause skin dryness or cracking.
				wsiness or dizziness. sure may cause skin dryness or cracking.
SECTION	N 5: Firefighting me	easures	;	
5.1 Exting	guishing media			
Suita	ble extinguishing med	(Alcohol-resista Carbon dioxide Dry chemical	
Unsu media	itable extinguishing a	: H	ligh volume w	ater jet
5.2 Specia	al hazards arising fro	om the s	ubstance or	mixture
-	ific hazards during fire	- : C		n-off from fire fighting to enter drains or water
Haza ucts	rdous combustion pro-	d-: N	lo hazardous (combustion products are known
5.3 Advic	e for firefighters			
Spec	ial protective equipme efighters	nt : I	n the event of	fire, wear self-contained breathing apparatus.
Furth	er information	r F t	nust not be dis Fire residues a be disposed of	inated fire extinguishing water separately. This scharged into drains. nd contaminated fire extinguishing water must in accordance with local regulations. ons in case of fire, cans should be stored sepa

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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rately in closed containments. Use a water spray to cool fully closed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protect	ive	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. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for con	tain	ment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab-
		sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local
		/ national regulations (see section 13).

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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 application 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.
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.



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Hygie	ene measures	:	5	eat or drink. When using do not smoke. breaks and at the end of workday.
7.2 Condi	tions for safe storag	ge, inc	luding any incompa	tibilities
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.	
	er information on sto tability	r- :	No decomposition if	stored and applied as directed.
7.3 Specif	fic end use(s)			
Speci	ific use(s)	:	For further informati sheet.	on, refer to the product technical data
			Consult the technica stance/mixture.	al guidelines for the use of this sub-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
n-butyl acetate	123-86-4	OELV - 8 hrs	50 ppm	IE OEL
		(TWA)	241 mg/m3	
		OELV - 15 min	150 ppm	IE OEL
		(STEL)	723 mg/m3	
		STEL	150 ppm	2019/1831/E
			723 mg/m3	U
	Further inform	nation: Indicative		
		TWA	50 ppm	2019/1831/E
			241 mg/m3	U
	Further inform	nation: Indicative		
reaction mixture of	1330-20-7	OELV - 8 hrs	50 ppm	IE OEL
ethylbenzene, m-		(TWA)	221 mg/m3	
xylene and p-				
xylene				
	Further inform	nation: Substances w	hich have the capacity to pe	enetrate intact
	skin when the	y come in contact w	ith it, and be absorbed into th	ne body
		OELV - 15 min	100 ppm	IE OEL
		(STEL)	442 mg/m3	
	Further inform	nation: Substances w	hich have the capacity to pe	enetrate intact
	skin when they come in contact with it, and be absorbed into the body			
		TWA	50 ppm	2000/39/EC
			221 mg/m3	
	Further information: Identifies the possibility of significant uptake through the			

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1	skin, Indicativ	e		
		STEL	100 ppm 442 mg/m3	2000/39/EC
	Further inform skin, Indicativ		es the possibility of significar	nt uptake through the

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

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Substance name	End Use	Exposure routes	Potential health ef- fects	Value
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
	Consumers	Inhalation	Long-term systemic effects	12 mg/m3
	Consumers	Inhalation	Long-term local ef- fects	35.7 mg/m3
	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
Hydrocarbons, C9 aromatics	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
reaction mixture of ethylbenzene, m- xylene and p-xylene	Workers	Inhalation	Long-term systemic effects	77 mg/m3
	Consumers	Inhalation	Long-term local ef- fects	65.3 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	442 mg/m3

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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		Workers	Inhalation	Acute local effects	289	
		• • • • • • • •	1.1.1.2.0.1.1	A	000	

Worke	rs Inhalation	Acute local effects	289 mg/m3
Consu	mers Inhalation	Acute systemic ef- fects	260 mg/m3
Worke	rs Inhalation	Long-term local ef- fects	221 mg/m3
Consu	mers Inhalation	Long-term systemic effects	14.8 mg/m3
Consu	mers Inhalation	Acute local effects	260 mg/m3
Consu	mers Dermal	Long-term systemic effects	108 mg/kg bw/day
Consu	mers Oral	Long-term systemic effects	16 mg/kg bw/day
Worke	rs Dermal	Long-term systemic effects	180 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
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
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/face protection :	Equipment should conform to EN 166 Eye wash bottle with pure water Tightly fitting safety goggles
Hand protection	
Gloves :	Nitrile rubber (> 0,1 mm; < 60 min); ISO EN374



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Remarks		: The suitability for a specific workplace should be discussed with the producers of the protective gloves. 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			ng tection according to the amount and con- dangerous substance at the work place.
Respiratory protection : Use respiratory protection unless adequate local exititation is provided or exposure assessment demons exposures are within recommended exposure guide Equipment should conform to EN 14387		rotection unless adequate local exhaust ven- d or exposure assessment demonstrates that thin recommended exposure guidelines. d conform to EN 14387	
		: Organic vapour ty	ире (А)

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	:	-78.0 °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	:	7.5 %(V) (calculation method (principal components, highest value))
Lower explosion limit / Lower flammability limit	:	1.2 %(V) (calculation method (principal components, highest value))
Flash point	:	35 °C
Ignition temperature	:	425 °C(calculation method (principal components, highest value))
Decomposition temperature	:	No decomposition if used as directed.



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				Hazardous decomposition products formed under fire condi- tions.
	рН		:	Not applicable
	Viscosi Visc	ity cosity, kinematic	:	< 20.5 mm2/s (40 °C)
	Flow ti	ne	:	40 - 45 s at 20 °C Cross section: 4 mm Method: DIN 53211
	Solubil Wat	ity(ies) ter solubility	:	immiscible, partly soluble
	Solu	ubility in other solver	nts :	No data available
	Partitio octano	n coefficient: n- I/water	:	log Pow: < 4(calculation method (principal components, high- est value))
	Vapou	rpressure	:	< 1,100 hPa(calculation method (principal components, high- est value)) (50 °C)
	Relativ	e density	:	1.00(calculation method (principal components, highest value))
	Density	/	:	1.041 g/cm3
	Relativ	e vapour density	:	4(calculation method (principal components, lowest value))
9.2 (Other ir	nformation		
_	Explos	ives	:	Not applicable
	Oxidizi	ng properties	:	Sustains combustion
	Evapor	ation rate	:	No data available
	VOC		:	(Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)) 38.06 %

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.



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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

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Acute toxicity						
Not classified based on available information. Not classified due to lack of data.						
Product:						
Acute inhalation toxicity	:	Acute toxicity estimate: > 20 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:						
n-butyl acetate:						
Acute oral toxicity	:	LD50 Oral (Rat): >= 10,760 mg/kg				
Acute dermal toxicity	:	LD50 (Rabbit): >= 5,000 mg/kg				
Hydrocarbons, C9 aromatics:						
Acute dermal toxicity	:	LD50 (Rabbit): > 3,160 mg/kg				
reaction mixture of ethylbenzene, m-xylene and p-xylene:						
Acute oral toxicity	:	LD50 Oral (Rat): >= 8,700 mg/kg				



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Ac	ute inhalation toxicity		C50 (Rat): 27.14 mg est atmosphere: vap			
Ac	Acute dermal toxicity		Assessment: The component/mixture is moderately toxic af single contact withskin.			
Sk	in corrosion/irritation					
	epeated exposure may c epeated exposure may c					
	oduct:					
Re	emarks	: M	lay cause skin irritati	ion and/or dermatitis.		
<u>Cc</u>	omponents:					
	action mixture of ethyl			/lene:		
Re	esult	: irr	ritating			
No	erious eye damage/eye ot classified based on av ot classified due to lack c	ailable info				
Pr	oduct:					
Re	emarks		apours may cause in nd the skin.	rritation to the eyes, respiratory system		
<u>Cc</u>	omponents:					
rea	action mixture of ethyl	benzene,	m-xylene and p-xy	vlene:		
Re	esult	: E	ye irritation			
Re	espiratory or skin sens	itisation				
-	in sensitisation ot classified based on av	ailable info	ormation.			
	in sensitisation ot classified due to lack o	of data.				
	Respiratory sensitisation Not classified based on available information.					
	espiratory sensitisation ot classified due to lack o					
Ge	Germ cell mutagenicity					
No	Not classified based on available information. Not classified due to lack of data.					

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Carcinogenicity

Not classified based on available information. Not classified due to lack of data.

Reproductive toxicity

Not classified based on available information. Not classified due to lack of data.

STOT - single exposure

May cause drowsiness or dizziness. May cause drowsiness or dizziness.

Components:

n-butyl acetate:

Assessment :	May cause drowsiness or dizziness.
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Hydrocarbons, C9 aromatics:

Assessment	:	May cause drowsiness or dizziness.

Assessment : May cause respiratory irritation.

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

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information. Not classified due to lack of data.

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. Not classified due to lack of data.

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.



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11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: 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.

Further information

Product:

TTOULOL.	
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 plants		NOEC (Desmodesmus subspicatus (green algae)): > 200 mg/l			
		EC50 (Desmodesmus subspicatus (green algae)): >= 647.7 mg/l Exposure time: 72 h			
Toxicity to microorganisms	:	IC50 (Tetrahymena pyriformis): 356 mg/l Exposure time: 40 h			
Hydrocarbons, C9 aromatic	s:				
Toxicity to fish		LC50 (Fish): >= 9.2 mg/l Exposure time: 96 h			
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): >= 3.2 mg/l Exposure time: 48 h			
Ecotoxicology Assessment					
		Toxic to aquatic life with long lasting effects.			
reaction mixture of ethylbenzene, m-xylene and p-xylene:					
Toxicity to fish	:	LC50 (Fish): >= 1 - 10 mg/l			

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aqua	tic invertebrates tity to microorganism		teria): >= 1 - 100 mg/l
12.2 Pers	istence and degrac	ability	
<u>Com</u>	ponents:		
	tyl acetate: egradability	: Result: Bio Biodegrada Exposure ti Method: Of	ition: 83 %
Stabi	lity in water	: Degradatio pH: 8 Hydrolyses	n half life: 78 d slowly.
Photo	odegradation	: Decompose	es rapidly in contact with light.
react	tion mixture of ethy	lbenzene, m-xylene	e and p-xylene:
	egradability		degradable.
Photo	odegradation	: Decompose	es rapidly in contact with light.
I2.3 Bioa	ccumulative potent	ial	
<u>Com</u>	ponents:		
n-bu	tyl acetate:		
Bioad	ccumulation		ration factor (BCF): 15 lation is unlikely.
	ion coefficient: n- nol/water	: log Pow: 1.	81
Hydr	ocarbons, C9 arom	atics:	
	ion coefficient: n- nol/water	: log Pow: <	4
react	tion mixture of ethy	lbenzene, m-xylene	e and p-xylene:
Bioad	ccumulation		ration factor (BCF): 25.9 lation is unlikely.
	tion coefficient: n- nol/water	: log Pow: 2.	77 - 3.15



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12.4 Mobility in soil

Hydrocarbons, C9 aromatics: Mobility : Medium: Air Content: 92.9 % : Medium: Water Content: 3.5 % : : Medium: Soil Content: 1.9 % : : Medium: Soli Content: 1.9 % : Distribution among environ- mental compartments : Medium: Sediment Content: 1.8 % Distribution among environ- mental compartments : Kcc: 1.71 - 14.70 Mobile in soils The product is insoluble and floats on water. reaction mixture of ethylbenzere, m-xylene and p-xylene: Distribution among environ- mental compartments : Moderately mobile in soils The product evaporates from soil. : Stability in soil : : Stability in soil : Dissipation time: 23 d Percentage dissipation: 50 % (DT50) 12.5 Results of PBT and vPvB assessment : Product: Assessment : 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. 12.5 Endocrine disrupting properties : Product: Assessment : The substance/mixture does not contain components considered to bave endocrine disrupting properties (EACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Comm		Components:		
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Product:		Assessment	:	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
	12.	7 Other adverse effects		
			:	An environmental hazard cannot be excluded in the event of

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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mation	ı			unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.		
SECTION	13: Disposal co	nsider	ations			
13.1 Waste	e treatment metho	ds				
Produ	ct	:	courses or the soil. Do not contaminate cal or used contain	e ponds, waterways or ditches with chemi-		
Contaminated packaging :		Empty remaining co Dispose of as unus Do not re-use empt Do not burn, or use	ed product.			
Waste Code		:	FORMULATION, S (PAINTS, VARNISI ADHESIVES, SEAI 08 01 00, wastes fr nish 08 01 11, waste pa or other hazardous 15 00 00, WASTE CLOTHS, FILTER CLOTHING NOT C 15 01 00, packagin packaging waste)	PACKAGING; ABSORBENTS, WIPING MATERIALS AND PROTECTIVE DTHERWISE SPECIFIED g (including separately collected municipal g containing residues of or contaminated		

SECTION 14: Transport information

14.1 UN number or ID number					
ADN	:	UN 1263			
ADR	:	UN 1263			
RID	:	UN 1263			
IMDG	:	UN 1263			
ΙΑΤΑ	:	UN 1263			
14.2 LIN proper chipping pame					

14.2 UN proper shipping name

ADN

: PAINT RELATED MATERIAL

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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ADR		:	PAINT RELA	TED MATERIAL
RID				
IMDG				TED MATERIAL
IATA			Paint related	
	oort hazard class(e	s)	T and Tolatoo	haona
		-,	Class	Subsidiary risks
ADN			3	Subsidiary fisks
ADR				
		•	3	
RID		:	3	
IMDG		:	3	
IATA		:	3	
14.4 Packir	ng group			
Classif	g group ication Code I Identification Numb	: er : :	III F1 30 3	
Classif Hazard Labels	g group ication Code I Identification Numb restriction code	: er : :	III F1 30 3 (D/E)	
Classif	g group ication Code I Identification Numb	: er :	III F1 30 3	
IMDG	g group ode	:	III 3 F-E, <u>S-E</u>	
IATA (Packin aircraft Packin	Cargo) g instruction (cargo	:	366 Y344 III	
Labels		:	Flammable L	iquids
	Passenger) g instruction (passer	I- :	355	
	g instruction (LQ)	:	Y344	



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	Labels	g group onmental hazards	:	III Flammable Liquids	
	ADN Enviror	nmentally hazardous	s :	no	
		nmentally hazardous	6 :	no	
	RID Enviror	nmentally hazardous	s :	no	
	IMDG 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, mixtures and articles (Annex XVII)	: Conditions of restriction for the fol- lowing entries should be considered: Number on list 75, 3
	If you intend to use this product as tattoo ink, please contact your ven- dor.
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer	: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	: Not applicable
Regulation (EU) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	: Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable
Seveso III: Directive 2012/18/EU of the Euro-P5c pean Parliament and of the Council on the control of major-accident hazards involving	FLAMMABLE LIQUIDS



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dangerous substances.

Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial
		emissions (integrated pollution prevention and control)
		Volatile organic compounds (VOC) content: 38.06 %

Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection 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	:	Flammable liquid and vapour.
H304	:	May be fatal if swallowed and enters airways.
H312	:	Harmful in contact with skin.
H315	:	Causes skin irritation.
H319	:	Causes serious eye irritation.
H332	:	Harmful if inhaled.
H335	:	May cause respiratory irritation.
H336	:	May cause drowsiness or dizziness.
H373	:	May cause damage to organs through prolonged or repeated exposure.
H411	:	Toxic to aquatic life with long lasting effects.
EUH066	:	Repeated exposure may cause skin dryness or cracking.
Full text of other abbreviatio	ns	
Acute Tox.	:	Acute toxicity
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Eye Irrit.	:	Eye irritation
Flam. Liq.	:	Flammable liquids
Skin Irrit.	:	Skin irritation
STOT RE	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2019/1831/EU	:	Europe. Commission Directive 2019/1831/EU establishing a
		fifth list of indicative occupational exposure limit values
IE OEL	:	Ireland. List of Chemical Agents and Carcinogens with Occu- pational Exposure Limit Values - Code of Practice, Schedule 1 and 2
2000/39/EC / TWA		
2000/39/EC / TWA 2000/39/EC / STEL	:	Limit Value - eight hours Short term exposure limit
2000/39/EC / STEL 2019/1831/EU / TWA	:	Limit Value - eight hours
	:	Short term exposure limit
		Occupational exposure limit value (8-hour reference period)
= OLL / OLL - OIIIS (IVVA)	•	

Commission Regulation (EU) 2020/878



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IE OEL / OELV - 15 min (STEL)			Occupational expos od)	ure limit value (15-minute reference peri-

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - 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; TECI -Thailand Existing Chemicals 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 n	nixture:	Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment
STOT SE 3	H336	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.



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n Date: SDS Number: 024 MAT000470565 IE/EN

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