Trade name: einzA Nitroverdünnung Product no.: 0100242

Current version : 4.0.0, issued: 21.04.2021

Replaced version: 3.1.0, issued: 07.08.2020

Region: GB

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

1.1 **Product identifier**

Trade name

einzA Nitroverdünnung

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

Uses advised against No data available.

1.3 Details of the supplier of the safety data sheet

Address einzA Farben GmbH & Co KG Junkersstraße 13 30179 Hannover +49 (0)511 67490-0 Telephone no. Fax no. e-mail

+49 (0)511 67490-20 info@einzA.com

Advice on Safety Data Sheet sdb info@umco.de

1.4 **Emergency telephone number**

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Chronic 3; H412 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336

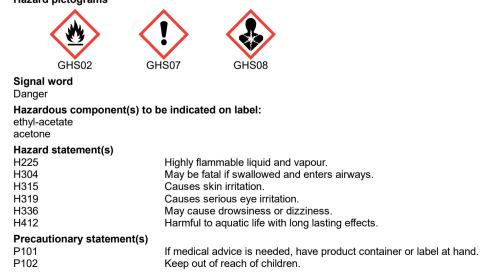
Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) nº 1272/2008: Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



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P210 P271 P301- P331 P370- P405	P310 Use o P310 IF SW Do NC P378 In cas	away from heat, hot surfaces, sparks, open flames and other ignition sources. only outdoors or in a well-ventilated area. VALLOWED: Immediately call a POISON CENTER/doctor. OT induce vomiting. se of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxi	Ū	
P501		ose of contents/container to a facility in accordance with local and national regul	ations.	
	Dispo: • hazards	ose of contents/container to a facility in accordance with local and national regul	ations.	

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 **Mixtures**

Hazardous ingredients

	Hazardous ingredients					
No	Substance name		Addit			
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conce	entration		%
	REACH no					
1	ethyl-acetate					
	141-78-6	EUH066	>=	25.00 - <	50.00	wt%
	205-500-4	Eye Irrit. 2; H319				
	607-022-00-5	Flam. Liq. 2; H225				
	01-2119475103-46	STOT SE 3; H336				
2	acetone					
_	67-64-1	Flam. Liq. 2; H225	>=	25.00 - <	50.00	wt%
	200-662-2	Eye Irrit. 2; H319		20.00	00100	
	606-001-00-8	STOT SE 3; H336				
	01-2119471330-49	EUH066				
3	n-butyl acetate	2011000				
5	123-86-4	EUH066	>=	10.00 - <	25.00	wt%
	204-658-1	Flam. Liq. 3; H226		10.00	20.00	
	607-025-00-1	STOT SE 3; H336				
	01-2119485493-29	0101020,11000				
4		lene and ethylbenzene				
-	-	Acute Tox. 4; H312	>=	5.00 - <	10.00	wt%
	905-588-0	Acute Tox. 4; H332	-	0.00 - 4	10.00	WVL/U
	-	Asp. Tox. 1; H304				
	01-2119539452-40	Eye Irrit. 2; H319				
	01-2110000402-40	Flam. Liq. 3; H226				
		Skin Irrit. 2; H315				
		STOT SE 3; H335				
		STOT RE 2; H373				
5	ethanol					
0	64-17-5	Flam. Lig. 2; H225	>=	5.00 - <	10.00	wt%
	200-578-6	Eve Irrit. 2; H319	-	0.00 - 4	10.00	WVL/U
	603-002-00-5					
	01-2119457610-43					
6		soalkanes, <5% n-hexane				
5	64742-49-0	Flam. Lig. 2; H225	<	5.00		wt%
	931-254-9	Asp. Tox. 1; H304		5.00		WVL /O
		Skin Irrit. 2: H315				
	- 01-2119484651-34	STOT SE 3; H336				
	01-2119404051-54	Aquatic Chronic 2; H411				
7	Hydrocorbono C7 r	1-alkanes, isoalkanes, cyclics				
1		Aquatic Chronic 2; H411	<	5.00		wt%
	- 927-510-4	Aqualic Chronic 2; H411 Asp. Tox. 1; H304		5.00		VVL70
	921-010-4					
	-	Flam. Liq. 2; H225 Skin Irrit. 2; H315				
	01-2119475515-33					
0	meanan 2 al	STOT SE 3; H336				
8	propan-2-ol			E 00		
	67-63-0	Eye Irrit. 2; H319	<	5.00		wt%
	200-661-7	Flam. Liq. 2; H225				
	603-117-00-0	STOT SE 3; H336				
	01-2119457558-25					

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9 toluene 108-88-3 Asp. Tox. 1; H304 2.50 wt% ~ 203-625-9 Flam. Liq. 2; H225 601-021-00-3 Repr. 2; H361d 01-2119471310-51 Skin Irrit, 2: H315 STOT RE 2; H373i STOT SE 3; H336 10 butan-1-ol 71-36-3 Acute Tox. 4; H302 2 50 wt% ~ 200-751-6 Eye Dam. 1; H318 603-004-00-6 Flam. Liq. 3; H226 01-2119484630-38 Skin Irrit. 2; H315 STOT SE 3; H335 STOT SE 3; H336

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
5	-	Eye Irrit. 2; H319: C >= 50%	-	-

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO2, powders, water spray Unsuitable extinguishing media water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); Toxic pyrolysis products; Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

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Is not allowed to be released into the sewerage or water courses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 **Reference to other sections**

No data available.

SECTION 7: Handling and storage

71 Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flatting] should be used wherever possible. Avoid inhalation of dust from sanding. For personal protection see section 8.

General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Comply with legal health and safety regulations; Prevent unauthorised access. Keep container tightly closed and dry in a cool, wellventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Specific end use(s)

7.3 No data available

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

Occupational exposure limit values

No	Substance name	CAS no.		EC no.	
1	ethyl-acetate	141-78-6		205-500-4	
	2017/164/EU				
	Ethyl acetate				
	WEL short-term (15 min reference period)	1468	mg/m³	400	ppm
	WEL long-term (8-hr TWA reference period)	734	mg/m³	200	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Ethyl acetate				
	WEL short-term (15 min reference period)			400	ppm
	WEL long-term (8-hr TWA reference period)			200	ppm
2	acetone	67-64-1		200-662-2	
	2000/39/EC				
	Acetone				
	WEL long-term (8-hr TWA reference period)	1210	mg/m³	500	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Acetone				
	WEL short-term (15 min reference period)	3620	mg/m³	1500	ppm
	WEL long-term (8-hr TWA reference period)	1210	mg/m³	500	ppm
3	n-butyl acetate	123-86-4		204-658-1	
	List of approved workplace exposure limits (WELs) / EH40				
	Butyl acetate				
	WEL short-term (15 min reference period)	966	mg/m³	200	ppm

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	WEL long-term (8-hr TWA reference period)	724	mg/m³	150	ppm
	EU 2019/1831				
	n-Butyl acetate				
	WEL short-term (15 min reference period)	723	mg/m³	150	ppm
	WEL long-term (8-hr TWA reference period)	241	mg/m³	50	ppm
4	ethanol	64-17-5		200-578-6	
	List of approved workplace exposure limits (WELs) / EH40				
	Ethanol				
	WEL long-term (8-hr TWA reference period)	1920	mg/m³	1000	ppm
5	propan-2-ol	67-63-0		200-661-7	
	List of approved workplace exposure limits (WELs) / EH40				
	Propan-2-ol				
	WEL short-term (15 min reference period)	1250	mg/m³	500	ppm
	WEL long-term (8-hr TWA reference period)	999	mg/m³	400	ppm
6	toluene	108-88-3		203-625-9	
	2006/15/EC				
	Toluene				
	Toluene WEL short-term (15 min reference period)	384	mg/m³	100	ppm
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period)	192	mg/m ³ mg/m ³	100 50	ppm ppm
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation		0		
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period)	192	0		
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation	192	0		
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period)	192	0		
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene	192 Skin	mg/m ³	50	ppm
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period)	192 Skin 384	mg/m ³	100	ppm ppm
7	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period) WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Comments butan-1-ol	192 Skin 384 191	mg/m ³	100	ppm ppm
7	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period) WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Comments	192 Skin 384 191 Sk	mg/m ³	50 50 100 50	ppm ppm
7	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period) WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Comments butan-1-ol	192 Skin 384 191 Sk	mg/m ³	50 50 100 50	ppm ppm
7	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period) WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Comments butan-1-ol List of approved workplace exposure limits (WELs) / EH40	192 Skin 384 191 Sk 71-36-3 154	mg/m ³	50 50 100 50	ppm ppm
7	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40 Toluene WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period) Comments butan-1-ol List of approved workplace exposure limits (WELs) / EH40 Butan-1-ol	192 Skin 384 191 Sk 71-36-3	mg/m ³ mg/m ³ mg/m ³	50 100 50 200-751-6	ppm ppm ppm

DNEL, DMEL and PNEC values

	DN	EL	val	ues	(wor	ker)	
_	-	-					

No	Substance name				10
	Route of exposure	Exposure time	Effect	Value	
1	ethyl-acetate			141-78-6	
				205-500-4	
	dermal	Long term (chronic)	systemic	63	mg/kg/day
	inhalative	Short term (acut)	systemic	1468	mg/m ³
	inhalative	Long term (chronic)	local	734	mg/m ³
	inhalative	Short term (acut)	local	1468	mg/m³
	inhalative	Long term (chronic)	systemic	734	mg/m ³
2	acetone			67-64-1	
				200-662-2	
	dermal	Long term (chronic)	systemic	186	mg/kg/day
	inhalative	Short term (acut)	local	2420	mg/m³
	inhalative	Short term (acut)	systemic	1210	mg/m ³
3	n-butyl acetate			123-86-4	
				204-658-1	
	dermal	Long term (chronic)	systemic	11	mg/kg/day
	dermal	Short term (acut)	systemic	11	mg/kg/day
	inhalative	Long term (chronic)	systemic	300	mg/m³
	inhalative	Short term (acut)	systemic	600	mg/m³
	inhalative	Long term (chronic)	local	300	mg/m³
	inhalative	Short term (acut)	local	600	mg/m³
4	Reaction mass of xylene	and ethylbenzene		-	
				905-588-0	
	dermal	Long term (chronic)	systemic	212	mg/kg/day
	inhalative	Short term (acut)	systemic	442	mg/m³
	inhalative	Short term (acut)	local	442	mg/m³
	inhalative	Long term (chronic)	systemic	221	mg/m³
	inhalative	Long term (chronic)	local	221	mg/m³
5	ethanol			64-17-5	
				200-578-6	
	dermal	Long term (chronic)	systemic	343	mg/kg/day
	inhalative	Long term (chronic)	systemic	950	mg/m³
6	Hydrocarbons, C6, isoal	kanes, <5% n-hexane		64742-49-0	
				931-254-9	

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	dermal	Long term (chronic)	systemic	13964	mg/kg/day
	inhalative	Long term (chronic)	systemic	5306	mg/m ³
		kanes, isoalkanes, cyclics	L 2	- 927-510-4	U ·
	dermal	Long term (chronic)	systemic	300	mg/kg/day
	inhalative	Long term (chronic)	systemic	2085	mg/m ³
	propan-2-ol			67-63-0 200-661-7	;
	dermal	Long term (chronic)	systemic	888	mg/kg/day
	inhalative	Long term (chronic)	systemic	500	mg/m³
9	toluene			108-88-3 203-625-9	
	dermal	Long term (chronic)	systemic	384.00	mg/kg/day
	inhalative	Long term (chronic)	systemic	192.00	mg/m³
	inhalative	Short term (acut)	systemic	384.00	mg/m³
	inhalative	Long term (chronic)	local	192.00	mg/m ³
	inhalative	Short term (acut)	local	384.00	mg/m³
0	butan-1-ol			71-36-3 200-751-6	
	inhalative	Long term (chronic)	local	310	mg/m³
	DNEL value (consumer)				
lo	Substance name			CAS / EC no)
	Route of exposure	Exposure time	Effect	Value	
	ethyl-acetate			141-78-6 205-500-4	
	oral	Long term (chronic)	systemic	4.5	mg/kg/day
	dermal	Long term (chronic)	systemic	37	mg/kg/day
	inhalative	Short term (acut)	systemic	734	mg/m³
	inhalative	Long term (chronic)	local	367	mg/m³
	inhalative	Short term (acut)	local	734	mg/m³
	inhalative	Long term (chronic)	systemic	367	mg/m³
2	acetone			67-64-1 200-662-2	
	oral	Long term (chronic)	systemic	62	mg/kg/day
	dermal	Long term (chronic)	systemic	62	mg/kg/day
	inhalative	Long term (chronic)	systemic	200	mg/m³
3	n-butyl acetate			123-86-4 204-658-1	
	oral	Long term (chronic)	systemic	2	mg/kg/day
	oral	Short term (acut)	systemic	2	mg/kg/day
	dermal	Long term (chronic)	systemic	6	mg/kg/day
	dermal	Short term (acut)	systemic	6	mg/kg/day
	inhalative	Long term (chronic)	systemic	35.7	mg/m³
	inhalative	Short term (acut)	systemic	300	mg/m³
	inhalative	Long term (chronic)	local	35.7	mg/m ³
ł		Short term (acut)	local	300	mg/m³
•	Reaction mass of xylend			- 905-588-0	
	oral	Long term (chronic)	systemic	12.5	mg/kg/day
	dermal	Long term (chronic)	systemic	125	mg/kg/day
	inhalative	Short term (acut)	systemic	260	mg/m ³
	inhalative	Long term (chronic)	systemic	65.3 260	mg/m ³
	inhalative inhalative	Short term (acut) Long term (chronic)	local	65.3	mg/m ³ mg/m ³
5	inhalative ethanol		local	64-17-5	mg/m-
,				200-578-6	
	oral	Long term (chronic)	systemic	87	mg/kg/day
	dermal	Long term (chronic)	systemic	206	mg/kg/day
;	inhalative Hydrocarbons, C6, isoa	Long term (chronic) Ikanes, <5% n-hexane	systemic	114 64742-49-0	mg/m³
				931-254-9	
	oral	Long term (chronic)	systemic	1301	mg/kg/day
	dermal	Long term (chronic)	systemic	1377	mg/kg/day
_	inhalative	Long term (chronic)	systemic	1131	mg/m³
7	Hydrocarbons, C7, n-all	kanes, isoalkanes, cyclics		- 927-510-4	
	oral	Long term (chronic)	systemic	149	mg/kg/day
	dermal	Long term (chronic)	systemic	149	mg/kg/day



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	inhalative	Long term (chro	nic)	systemic	447	mg/m³
8	propan-2-ol				67-63-0	
					200-661-7	
	oral	Long term (chro	nic)	systemic	26	mg/kg/day
	dermal	Long term (chro		systemic	319	mg/kg/day
	inhalative	Long term (chro	nic)	systemic	89	mg/m³
9	toluene				108-88-3	
					203-625-9	
	oral	Long term (chro	nic)	systemic	8.13	mg/kg/day
		Long term (chro				
	dermal	Long term (chro		systemic	226.00	mg/kg/day
	inhalative	Long term (chro	nic)	systemic	56.50	mg/m ³
	inhalative	Short term (acut	t)	systemic	226.00	mg/m³
	inhalative	Long term (chro	nic)	local	56.50	mg/m ³
	inhalative	Short term (acut		local	226.00	mg/m ³
10	butan-1-ol		9	10001	71-36-3	iiig/iii
10	butan-1-01					
				- <u> </u>	200-751-6	
	oral	Long term (chro		systemic	1.562	mg/kg/day
	dermal	Long term (chro	nic)	systemic	3.125	mg/kg/day
	inhalative	Long term (chro	nic)	systemic	55.357	mg/m ³
	inhalative	Long term (chro		local	155	mg/m ³
		Long term (ento		10001	100	ing/in
	PNEC values					
No	Substance name				CAS / EC no	
	ecological compartment		Туре		Value	
1			Type		141-78-6	
1	ethyl-acetate					
					205-500-4	
	water		fresh water		0.24	mg/L
	water		marine water		0.024	mg/L
	water		Aqua intermitte	ent	1.65	mg/L
	water		fresh water se		1.15	mg/kg dry weight
	water		marine water s	sediment	0.115	mg/kg dry weight
	soil		-		0.148	mg/kg dry weight
	sewage treatment plant	-		650	mg/L	
	secondary poisoning		-		200	mg/kg
2	acetone				67-64-1	iiig/ikg
2	acetolie					
					200-662-2	
	water		fresh water		10.6	mg/L
	water		Aqua intermittent		21	mg/L
	water		marine water		1.06	mg/L
	water		fresh water sediment		30.4	mg/kg
	water			seaiment	3.04	mg/kg
	soil		-		29.5 100	mg/kg
	sewage treatment plant			-		mg/L
3	n-butyl acetate				123-86-4	
					204-658-1	
	water		fresh water		0.18	mg/L
						<u> </u>
	water		marine water		0.018	mg/L
	water		Aqua intermitte		0.36	mg/L
	water		fresh water se	diment	0.981	mg/kg dry weight
	water		marine water s	sediment	0.0981	mg/kg dry weight
	soil		-		0.0903	mg/kg
			-		35.6	mg/L
4	sewage treatment plant		-		33.0	ilig/∟
4	Reaction mass of xylene	and ethylpenzene				
					905-588-0	
	water		fresh water		0.327	mg/L
	water		marine water		0.327	mg/L
	water		Aqua intermitte	ent	0.327	mg/L
	water		fresh water se		12.46	mg/kg
	water		marine water s	sediment	12.46	mg/kg
	soil		-		2.31	mg/kg dry weight
	sewage treatment plant		-		6.58	mg/L
5	ethanol				64-17-5	J
0						
	4		for the state		200-578-6	
	water		fresh water		0.96	mg/L
	water		Aqua intermitte	ent	2.75	mg/L
	water		marine water		0.79	mg/L
				dimont	3.6	mg/kg dry weight
	water		Treen Water co			
	water		fresh water se			
	water water soil		marine water se		2.9	mg/L mg/kg dry weight



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			1	
	sewage treatment plant	-	580	mg/L
	secondary poisoning	-	0.38	mg/kg food
6	propan-2-ol		67-63-0	
			200-661-7	
	water	fresh water	140.9	mg/L
	water	Aqua intermittent	140.9	mg/L
	water	marine water	140.9	mg/L
	water	fresh water sediment	552	mg/L
	water	marine water sediment	552	mg/L
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/L
	secondary poisoning	-	160	mg/kg
	with reference to: food			
7	toluene		108-88-3	
			203-625-9	
	water	fresh water	0.68	mg/L
	water	marine water	0.68	mg/L
	water	Aqua intermittent	0.68	mg/L
	water	fresh water sediment	16.39	mg/kg
	with reference to: dry weight			
	water	marine water sediment	16.39	mg/kg
	with reference to: dry weight			
	soil	-	2.89	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	13.61	mg/L
8	butan-1-ol		71-36-3	
			200-751-6	
	water	fresh water	0.082	mg/L
	water	marine water	0.008	mg/L
	water	Aqua intermittent	2.25	mg/L
	water	fresh water sediment	0.324	mg/kg dry weight
	water	marine water sediment	0.032	mg/kg dry weight
	soil	-	0.017	mg/kg dry weight
	sewage treatment plant	-	2476	mg/L

8.2 Exposure controls

Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. In case of brush application: Filter A2. When applied by spraying: Filter A2P2. (DIN EN 14387)

Eye / face protection

Wear safety googles to protect against splashes. Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	In case of sho	rt-term contact / splasl	n protection: nit	rile rubber
Material thickness	>	0.4	mm	
Breakthrough time	>	120	min	
Appropriate Material	In case of prol	onged exposure: nitrile	e rubber	
Material thickness	>	0.4	mm	
Breakthrough time	>	480	min	

Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

Trade name: einzA Nitroverdünnung

Product no.: 0100242

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Current version : 4.0.0, issued: 21.04.2021

9.1 Information on basic physical and chemical properties

State of aggregation					
Form/Colour liquid					
colourless					
Odour					
characteristic					
pH value No data available					
Boiling point / boiling range					
Value	56	- 145	°C		
Melting point/freezing point					
No data available					
Decomposition temperature No data available					
Flash point					
Value	appr.	-15	°C		
Ignition temperature No data available					
Auto-ignition temperature Value		240	°C		
Oxidising properties					
Not applicable					
Flammability					
Not applicable					
Lower explosion limit Value		0.7	% vol		
Upper explosion limit					
Value		19.2	% vol		
Vapour pressure					
No data available					
Relative vapour density No data available					
Relative density					
No data available					
Density		0.000			
Value Reference temperature	appr.	0.828 20	g/cm³ °C		
Solubility in water					
Comments	partially miscil	ble			
Solubility					
No data available Partition coefficient n-octanol/water (log value)					
No Substance name		CAS no.		EC no.	
1 ethyl-acetate		141-78-6	6.8	205-500-4	
Reference temperature			25	°C	
2 acetone	ECHA	67-64-1		200-662-2	
log Pow			-0.23	200 002-2	
Method Source	QSAR ECHA				
3 n-butyl acetate		123-86-4		204-658-1	
log Pow Reference temperature			2.3 25	°C	
Method	OECD 117		20	U	
Source	ECHA				

Region: GB

Replaced version: 3.1.0, issued: 07.08.2020

Trade name: einzA Nitroverdünnung

Product no.: 0100242

Current version : 4.0.0, issued: 21.04.2021

Region: GB

4	Reaction mass of xylene and ethylbenzene		-		905-588-0
log F	Pow			3.16	
Refe	rence temperature			20	°C
Sour	ce	ECHA			
5	ethanol		64-17-5		200-578-6
log F	Pow			-0.35	
Refe	rence temperature			24	°C
with	reference to	pH 7,4			
Meth	nod	OECD 107			
Sour	ce	ECHA			
6	propan-2-ol		67-63-0		200-661-7
log F	Pow			0.05	
Refe	rence temperature			25	°C
Sour	ce	ECHA			
7	toluene		108-88-3		203-625-9
log F	Pow			2.73	
Refe	rence temperature			20	°C
Sour	ce	ECHA			
Viec	osity				
Value	,		20.5	mm²/s	
valli		<	20.5	mm~/s	

Viscosity				
Value	<	20.5	mm²/s	
Reference temperature		40	°C	
Туре	kinematic			
Solvent separation test Value	<	3	%	
	<	3		
Reference temperature		20	°C	
Particle characteristics				
No data available				

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (See section 7).

10.2 **Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information

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

Acut	te oral toxicity (result of the ATE c	alculation for the mixture	e)				
No	Product Name						
1	einzA Nitroverdünnung						
Com	ments	Regulation outside the	e result of the applied calculation method according to the European gulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is side the values that imply a classification / labelling of this mixture according able 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).				
Acut	te oral toxicity						
No	Substance name		CAS no.		EC no.		
1	ethyl-acetate		141-78-6		205-500-4		
LD50	0	>		5600	mg/kg bodyweight		
Spec	cies	rat					
Sour	ce	ECHA					
2	acetone		67-64-1		200-662-2		

Product no.: 0100242

Current version : 4.0.0, issued: 21.04.2021

Replaced version: 3.1.0, issued: 07.08.2020

LD50			5800	mg/kg bodyweight
Species	rat			
Source	ECHA			
Evaluation/classification	Based on availa	ble data, the clas	sification crite	ria are not met.
3 n-butyl acetate		123-86-4		204-658-1
LD50	1	120 00 1	10760	mg/kg bodyweight
Species	rat		10700	mg/kg bodyweight
	rat			
Method	OECD 423			
Source	ECHA			
4 Reaction mass of xylene and ethylbenzene		-		905-588-0
LD50			3523	mg/kg bodyweight
Species	rat			
Method	EU Method B.1			
Source	ECHA			
5 ethanol	2011/1	64-17-5		200-578-6
LD50	1	04-17-5	10470	
			10470	mg/kg bodyweight
Species	rat			
with reference to	95% ethanol in	water		
Method	OECD 401			
Source	ECHA			
6 Hydrocarbons, C6, isoalkanes, <5% n-hexane		64742-49-0		931-254-9
LD50			16750	mg/kg bodyweight
Species	rat			
Method	OECD 401			
Source	ECHA			
Evaluation/classification	-	ble data. the clas	sification crite	ria are not met
7 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl		-		927-510-4
LD50	>		5840	mg/kg bodyweight
Species	rat		0040	mg/kg bodyweight
Source	ECHA			
8 propan-2-ol	LONA	67-63-0		200-661-7
		07-03-0	50.40	
LD50			5840	mg/kg bodyweight
Species	rat			
Method	OECD 401			
Source	ECHA			
Evaluation/classification	Based on availa	ble data, the clas	sification crite	ria are not met.
				000 005 0
9 toluene		108-88-3		203-625-9
9 toluene LD50		108-88-3	5580	mg/kg bodyweight
	rat	108-88-3	5580	
LD50	rat OECD 423	108-88-3	5580	
LD50 Species		108-88-3	5580	
LD50 Species Method Source	OECD 423 ECHA	108-88-3	5580	
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation	OECD 423 ECHA	108-88-3	5580	
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name	OECD 423 ECHA	108-88-3	5580	
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation	OECD 423 ECHA for the mixture)			mg/kg bodyweight
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name	OECD 423 ECHA for the mixture)			
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung	OECD 423 ECHA for the mixture)	applied calculati	on method ac	mg/kg bodyweight
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung	OECD 423 ECHA for the mixture) The result of the Regulation (EC)	e applied calculati 1272/2008 (CLF	on method acc P), Paragraph	mg/kg bodyweight
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu	e applied calculati 1272/2008 (CLF es that imply a cla	on method ac P), Paragraph assification / Ia	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu	e applied calculati 1272/2008 (CLF es that imply a cla	on method ac P), Paragraph assification / Ia	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect	on method ac P), Paragraph assification / Ia	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg).
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no.	on method ac P), Paragraph assification / Ia	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg).
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect	on method ac P), Paragraph assification / la tive categories	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no.	on method ac P), Paragraph assification / Ia	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg).
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no.	on method ac P), Paragraph assification / la tive categories	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no.	on method ac P), Paragraph assification / la tive categories	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no.	on method ac P), Paragraph assification / la tive categories	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6	on method acc P), Paragraph assification / la tive categories 20000	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according s (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6	on method ac P), Paragraph assification / la tive categories	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according a (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de > rabbit ECHA	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6	on method acc P), Paragraph assification / la tive categories 20000	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according a (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1	on method acc), Paragraph assification / la tive categories 20000 15800	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according b (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 2 acetone LD50 Species Source Evaluation/classification	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 ble data, the clas	on method acc), Paragraph assification / la tive categories 20000 15800	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according b (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight ria are not met.
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source 2 acetone LD50 Species Source Evaluation/classification 3 n-butyl acetate	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de rabbit ECHA Based on availa	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1	on method acc P), Paragraph assification / la tive categories 20000 15800 sification crite	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight ria are not met. 204-658-1
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA ECHA Based on availa	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 ble data, the clas	on method acc), Paragraph assification / la tive categories 20000 15800	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according b (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight ria are not met.
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Source	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA ECHA Based on availa	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 ble data, the clas	on method acc P), Paragraph assification / la tive categories 20000 15800 sification crite	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight ria are not met. 204-658-1
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source Evaluation/classification 3 3 n-butyl acetate LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Method Species	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA ECHA Based on availa	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 ble data, the clas	on method acc P), Paragraph assification / la tive categories 20000 15800 sification crite	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according 6 (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight ria are not met. 204-658-1
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Source Evaluation/classification 3 Method Source	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA ECHA Based on availa	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 67-64-1 ble data, the clas 123-86-4	on method acc P), Paragraph assification / la tive categories 20000 15800 sification crite	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according s (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight ria are not met. 204-658-1 mg/kg bodyweight
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 2 acetone LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Source Evaluation/classification 4 Hydrocarbons, C6, isoalkanes, <5% n-hexane	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA Sabbit ECHA Based on availa	e applied calculati) 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 ble data, the clas	on method acc P), Paragraph assification / la tive categories 20000 15800 sification crite 14112	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according s (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight 200-662-2 mg/kg bodyweight ria are not met. 204-658-1 mg/kg bodyweight 931-254-9
LD50 Species Method Source Acute dermal toxicity (result of the ATE calculation No Product Name 1 einzA Nitroverdünnung Comments Acute dermal toxicity No Substance name 1 ethyl-acetate LD50 Species Source 2 acetone LD50 Species Source Z acetone LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Source Evaluation/classification 3 n-butyl acetate LD50 Species Species Method Source 4 Hydrocarbons, C6, isoalkanes, <5% n-hexane	OECD 423 ECHA for the mixture) The result of the Regulation (EC) outside the valu to table 3.1.1 de ECHA Sabit ECHA Based on availa	e applied calculati 1272/2008 (CLF es that imply a cla fining the respect CAS no. 141-78-6 67-64-1 67-64-1 ble data, the clas 123-86-4	on method acc P), Paragraph assification / la tive categories 20000 15800 sification crite	mg/kg bodyweight cording to the European 3.1.3.6, Part 3 of Annex I is abelling of this mixture according s (ATE dermal > 2000 mg/kg). EC no. 205-500-4 mg/kg bodyweight ria are not met. 204-658-1 mg/kg bodyweight
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Product no.: 0100242

Current version : 4.0.0, issued: 21.04.2021

Replaced version: 3.1.0, issued: 07.08.2020

Region: GB

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Evaluation/classificationBased on available data, the classification criteria4Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics-LC5023.3Duration of exposure2State of aggregationVapourSpeciesratMethodOECD 403SourceECHA5propan-2-ol67-63-0State of aggregation10000Duration of exposure6State of aggregationVapourSourceECHAState of aggregationVapourState of aggregation0ECD 403Source7State of aggregation0ECD 403State of aggregationVapourState of aggregation0ECD 403State of aggregation0ECD 403Species7State of aggregation0ECD 403Species6State of aggregation0ECD 403SpeciesECHABased on available data, the classification criteria	
4 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics - 9 LC50 > 23.3 Duration of exposure 4 Vapour State of aggregation Vapour Species rat OECD 403 Source ECHA 0 5 propan-2-ol 67-63-0 2 LC50 > 10000 Duration of exposure 6 3 State of aggregation Vapour 6 State of aggregation OECD 403 6 State of aggregation State of aggregation 6 State of aggregation Vapour 6 Species rat OECD 403 6 Source ECHA ECHA 6 Based on available data, the classification criteria 6 6	are not met.
LC50 > 23.3 Duration of exposure 4 State of aggregation Vapour Species rat Method OECD 403 Source ECHA 5 propan-2-ol 67-63-0 2 LC50 > Duration of exposure 6 State of aggregation Vapour Species rat Method OECD 403 Source ECHA Evaluation/classification Based on available data, the classification criteria	927-510-4
Duration of exposure4State of aggregationVapourSpeciesratMethodOECD 403SourceECHA5propan-2-ol67-63-022LC50>Duration of exposure6State of aggregationVapourSpeciesratMethodOECD 403Source6State of aggregationVapourSpeciesratMethodOECD 403SourceECHAEvaluation/classificationBased on available data, the classification criteria	mg/l
State of aggregation Vapour Species rat Method OECD 403 Source ECHA 5 propan-2-ol 67-63-0 LC50 > 10000 Duration of exposure 6 State of aggregation Vapour Species rat Method OECD 403 Species c Surce ECHA	h
Species rat Method OECD 403 Source ECHA 5 propan-2-ol 67-63-0 LC50 > Duration of exposure 6 State of aggregation Vapour Species rat Method OECD 403 Source ECHA Evaluation/classification Based on available data, the classification criteria	
Source ECHA 5 propan-2-ol 67-63-0 LC50 > 10000 Duration of exposure 6 State of aggregation Vapour Species rat Method OECD 403 Source ECHA Evaluation/classification Based on available data, the classification criteria	
5propan-2-ol67-63-02LC50>10000Duration of exposure6State of aggregationVapourSpeciesratMethodOECD 403SourceECHAEvaluation/classificationBased on available data, the classification criteria	
LC50 > 10000 Duration of exposure 6 State of aggregation Vapour Species rat Method OECD 403 Source ECHA Evaluation/classification Based on available data, the classification criteria	
Duration of exposure6State of aggregationVapourSpeciesratMethodOECD 403SourceECHAEvaluation/classificationBased on available data, the classification criteria	200-661-7
State of aggregationVapourSpeciesratMethodOECD 403SourceECHAEvaluation/classificationBased on available data, the classification criteria	ppmV
SpeciesratMethodOECD 403SourceECHAEvaluation/classificationBased on available data, the classification criteria	h
Method OECD 403 Source ECHA Evaluation/classification Based on available data, the classification criteria	
Source ECHA Evaluation/classification Based on available data, the classification criteria	
Evaluation/classification Based on available data, the classification criteria	
	are not met
6 toluono 400.00.0	
	203-625-9
LC50 > 20	mg/l
Duration of exposure 4	h
State of aggregation Vapour	h
Species rat Method OECD 403	h
Method OECD 403 Source ECHA	h
7 butan-1-ol 71-36-3 2	h

Product no.: 0100242

Current version : 4.0.0, issued: 21.04.2021

Replaced version: 3.1.0, issued: 07.08.2020

Region: GB

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LC50		>	17.76	mg/l
	ation of exposure	Duration	4	h
	e of aggregation	Dust/mist		
Spec Meth		rat		
Sour		OECD 403 ECHA		
	corrosion/irritation		040 ==	FO m
<u>No</u> 1	Substance name ethyl-acetate		CAS no. 141-78-6	EC no. 205-500-4
I Spec		rabbit	141-78-8	205-500-4
Meth		OECD 404		
Sour		ECHA		
	uation	low-irritant		
	uation/classification		ilable data, the classificatior	criteria are not met.
2	acetone		67-64-1	200-662-2
Spec	cies	guinea pig		
Sour	ce	ECHA		
	uation	non-irritant		
	uation/classification	Based on ava	ilable data, the classificatior	
	n-butyl acetate		123-86-4	204-658-1
Spec		rabbit		
Meth		OECD 404		
Sour		ECHA		
	uation	non-irritant	64-17-5	200 579 6
4 Spec	ethanol	rabbit	04-17-5	200-578-6
Spec Meth		OECD 404		
Sour		ECHA		
	uation	non-irritant		
5	Hydrocarbons, C7, n-alkanes, isoalkanes,		-	927-510-4
- Spec		rabbit		
Meth		OECD 404		
Sour	ce	ECHA		
Evalu	uation	irritant		
6	propan-2-ol		67-63-0	200-661-7
Spec		rabbit		
Sour		ECHA		
	uation	non-irritant		
	uation/classification	Based on ava	ilable data, the classification	
7	toluene		108-88-3	203-625-9
	ition of exposure	rabbit	4	h
Spec Meth		OECD 404		
Sour		ECHA		
	uation	irritant		
8	butan-1-ol	interic	71-36-3	200-751-6
spec		rabbit		
Sour		ECHA		
	uation	irritant		
Soria	ous eye damage/irritation			
	Substance name		CAS no.	EC no.
1	ethyl-acetate		141-78-6	205-500-4
Spec		rabbit		200 000 4
Meth		OECD 405		
Sour		ECHA		
	uation	low-irritant		
2	acetone		67-64-1	200-662-2
Spec		rabbit		
Meth		OECD 405		
-		ECHA		
	uation	irritant		
Evalı		Based on ava	ilable data, the classification	
Evalı Evalı	uation/classification		123-86-4	204-658-1
Evalı Evalı 3	n-butyl acetate	and block		
Evalı Evalı 3 Spec	n-butyl acetate	rabbit		
Evalı Evalı 3 Spec Meth	n-butyl acetate	OECD 405		
Evalu 3 Spec Meth Sour	n-butyl acetate cies nod rce	OECD 405 ECHA		
Evalu Evalu Spec Meth Sour Evalu	n-butyl acetate	OECD 405	64-17-5	200-578-6

Product no.: 0100242

Current version : 4.0.0, issued: 21.04.2021

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Replaced version: 3.1.0, issued: 07.08.2020

Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
5 Hydrocarbons, C6, isoalkanes, <5% n-hexane		64742-49-0	931-254-9
Duration of exposure			72 h
Species	rabbit		
Vethod	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on availa	able data, the class	ification criteria are not met.
6 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl	ics	-	927-510-4
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
7 propan-2-ol	non intant	67-63-0	200-661-7
Species	rabbit	07-03-0	200-001-7
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		if a time with the sup west
Evaluation/classification	Based on availa	,	ification criteria are met.
8 butan-1-ol	1 119	71-36-3	200-751-6
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	strongly irritant		
Respiratory or skin sensitisation			
No Substance name		CAS no.	EC no.
1 ethyl-acetate		<u>141-78-6</u>	205-500-4
		141-78-6	205-500-4
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
2 acetone		67-64-1	200-662-2
Route of exposure	Skin		
Species	guinea pig		
Source	ECHA .		
Evaluation	non-sensitizing		
Evaluation/classification			ification criteria are not met.
3 ethanol		64-17-5	200-578-6
Route of exposure	Skin	•••••	
Species	mouse		
Source	ECHA		
Evaluation	non-sensitizing		
4 Hydrocarbons, C6, isoalkanes, <5% n-hexane	TION-Sensiuzing	64742-49-0	931-254-9
		64/42-49-0	931-254-9
Route of exposure	Skin		
Out of the second			
Species	mouse		
Method	mouse OECD 429		
Method Source	mouse OECD 429 ECHA		
Method Source Evaluation	mouse OECD 429 ECHA non-sensitizing		
Method Source Evaluation Evaluation/classification	mouse OECD 429 ECHA non-sensitizing Based on availa		ification criteria are not met.
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl	mouse OECD 429 ECHA non-sensitizing Based on availa		ification criteria are not met. 927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl	mouse OECD 429 ECHA non-sensitizing Based on availa		
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure	mouse OECD 429 ECHA non-sensitizing Based on availa		
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin		
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig		
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA		
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406	able data, the class -	927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing		
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing Skin	able data, the class -	927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig	able data, the class -	927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406	able data, the class -	927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406 ECHA	able data, the class - 67-63-0	927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Species Method Source Evaluation Evaluation	mouse OECD 429 ECHA non-sensitizing Based on availa skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406 ECHA non-sensitizing	able data, the class - 67-63-0	927-510-4 200-661-7
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Species Method Source Evaluation Evaluation	mouse OECD 429 ECHA non-sensitizing Based on availa skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406 ECHA non-sensitizing	able data, the class - 67-63-0	927-510-4
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation G propan-2-ol Route of exposure Species Method Source Evaluation Evaluation	mouse OECD 429 ECHA non-sensitizing Based on availa skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406 ECHA non-sensitizing	able data, the class - 67-63-0	927-510-4 200-661-7
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation Evaluation Germ cell mutagenicity	mouse OECD 429 ECHA non-sensitizing Based on availa skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406 ECHA non-sensitizing	able data, the class - 67-63-0 able data, the class	927-510-4 200-661-7 ification criteria are not met.
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation Evaluation Germ cell mutagenicity No Substance name	mouse OECD 429 ECHA non-sensitizing Based on availa skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406 ECHA non-sensitizing	able data, the class - 67-63-0 able data, the class CAS no.	927-510-4 200-661-7 ification criteria are not met. EC no.
Method Source Evaluation Evaluation/classification 5 Hydrocarbons, C7, n-alkanes, isoalkanes, cycl Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation 6 propan-2-ol Route of exposure Species Method Source Evaluation Evaluation Germ cell mutagenicity	mouse OECD 429 ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing OECD 406 ECHA non-sensitizing Based on availa	able data, the class - 67-63-0 able data, the class	927-510-4 200-661-7 ification criteria are not met. EC no. 200-662-2

Product no.: 0100242



ent version : 4.0.0, issued: 21.04.2021	Replaced version: 3.1.0, issued: 07.08.2020	Region: G
Method	OECD 471	I
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
Type of examination	In vitro Mammalian Chromosomal Aberration Test	
Species	Chinese hamster Ovary (CHO)	
Method	OECD 473	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
Type of examination	in vitro gene mutation study in mammalian cells	
Species	Mouse lymphoma cells	
Method	OECD 476	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
2 n-butyl acetate	123-86-4 204-658-1	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
3 Reaction mass of xylene and ethylbenzene	- 905-588-0	
Species	Chinese hamster Ovary (CHO)	
Method	EU Method B.10	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
4 ethanol	64-17-5 200-578-6	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
5 Hydrocarbons, C6, isoalkanes, <5% n-hexane	64742-49-0 931-254-9	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
6 propan-2-ol	67-63-0 200-661-7	
Source		
Evaluation/classification	Based on available data, the classification criteria are not met.	
7 toluene	108-88-3 203-625-9	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
8 butan-1-ol	71-36-3 200-751-6	
Source	ECHA	
Evaluation/classification	Based on available data, the classification criteria are not met.	
	Dased on available data, the classification chiefla are not met.	
Reproduction toxicity No Substance name	CAS no. EC no.	
Reproduction toxicity	•	
Reproduction toxicity No Substance name 1 acetone	CAS no. EC no. 67-64-1 200-662-2	
Reproduction toxicity No Substance name	CAS no. EC no. 67-64-1 200-662-2 inhalational	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC Type of examination	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 ppm Prenatal Developmental Toxicity Study	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC Type of examination Species	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 ppm Prenatal Developmental Toxicity Study rat	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC Type of examination Species Method Species	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 ppm Prenatal Developmental Toxicity Study rat OECD 414	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC Type of examination Species Method Source	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm rat OECD 414 ECHA ECHA	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Method Source Evaluation/classification	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm rat OECD 414 ECHA Based on available data, the classification criteria are not met.	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm Prenatal Developmental Toxicity Study cat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 204-658-1	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate Source Source	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm Prenatal Developmental Toxicity Study cat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Species Method Source Evaluation/classification Image: Classification 2 n-butyl acetate Source Source Evaluation/classification Image: Classification	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met.	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 200-578-6	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met.	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Route of examination Species Source Evaluation/classification 2 In-butyl acetate Source Evaluation/classification 2 3 ethanol Route of exposure Route of exposure	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 prenatal Developmental Toxicity Study pm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Species Method Source Evaluation/classification 2 In-butyl acetate Source Evaluation/classification 3 A ethanol Route of exposure NOAEL Type of examination 3	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 200-578-6	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Species Method Source Evaluation/classification 2 In-butyl acetate Source Evaluation/classification 3 a ethanol Route of exposure NOAEL Type of examination 3	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 2200 ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 2 generation study mouse	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Source Evaluation/classification 2 In-butyl acetate Source Evaluation/classification 3 In-butyl acetate Route of exposure NoAEL Type of examination	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 prenatal Developmental Toxicity Study pm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 2 generation study 2	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Source Evaluation/classification 2 In-butyl acetate Source Evaluation/classification 3 I ethanol Route of exposure NoAEL Type of examination Species Source Evaluation/classification 3 Source Source Evaluation/classification 3 Route of exposure NOAEL Type of examination Species Mothod Species	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 2200 ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 2 generation study mouse	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure NOAEL Type of examination Species Species Model Species Source Source Evaluation/classification 3 Probug Species NOAEL Type of examination Species Species Method Source	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 2200 ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 2 generation study mouse OECD 416	
Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC NOAEC Type of examination Species Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure Notable NOAEL Type of examination Species Source Source Evaluation/classification 3 ethanol Route of exposure NOAEL Type of examination Species Source Source Source Source Source	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 2200 ppm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 200-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 2 generation study mouse OECD 416 ECHA	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure NOAEL Type of examination Species Method Source Source Evaluation/classification 3 ethanol Coute of exposure NOAEL Type of examination Species Method Source Source Evaluation/classification Route of exposure	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study pm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 2 generation study mouse OECD 416 ECHA Based on available data, the classification criteria are not met. 200-578-6	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure NOAEL Type of examination Species Method Source Source Evaluation/classification 3 ethanol Source Route of exposure Source Species Source Evaluation/classification Source Evaluat	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 200-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 2 generation study mouse OECD 416 ECHA Based on available data, the classification criteria are not met. 123-86-4	
Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Source Evaluation/classification 2 n-butyl acetate Source Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure NOAEL Type of examination Species Method Source Evaluation/classification Route of exposure NOAEL Type of examination Species Method Source Evaluation/classification Route of exposure NOAEL NOAEL NOAEL NOAEL Type of examination	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 200-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 2 generation study mouse OECD 416 ECHA Based on available data, the classification criteria are not met. 123-86-4 Prenatal Developmental Toxicity Study Prenatal Developmental Toxicity Study	
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Reproduction toxicity No Substance name 1 acetone Route of exposure Route of exposure NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure Route of exposure NOAEL Type of examination Species Source VolAEL Type of examination Species Method Source NOAEL Type of examination Species Method Source Evaluation/classification Route of exposure NOAEL Type of examination Species NOAEL Type of examination Species NOAEL Type of examination Species Species NOAEL Type of examination Species Species Mothod Species	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study pm Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 204-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 generation study mouse OECD 416 ECHA Based on available data, the classification criteria are not met. 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
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Reproduction toxicity No Substance name 1 acetone Route of exposure NOAEC Type of examination Species Method Source Evaluation/classification 2 n-butyl acetate Source Evaluation/classification 3 ethanol Route of exposure NOAEL Type of examination Species Source Evaluation/classification 3 of ethanol 8 Route of exposure NOAEL Type of examination Species Source Evaluation/classification Route of exposure NOAEL Type of examination Species NOAEL Type of examination Species Source Evaluation/classification 8 Route of exposure NOAEL Type of examination Species Method Source Evaluation/classification 8 Vorage 8 Method 8 Source 8 <td>CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 200-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 2 generation study mouse OECD 416 ECHA Based on available data, the classification criteria are not met. inhalational Prenatal Developmental Toxicity Study rat OECD 416 ECHA Based on available data, the classification criteria are not met. inhalational Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. inhalational 9000 931-254-9</td> <td></td>	CAS no. EC no. 67-64-1 200-662-2 inhalational 2200 Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. 123-86-4 200-658-1 ECHA Based on available data, the classification criteria are not met. 64-17-5 200-578-6 oral 2 2 generation study mouse OECD 416 ECHA Based on available data, the classification criteria are not met. inhalational Prenatal Developmental Toxicity Study rat OECD 416 ECHA Based on available data, the classification criteria are not met. inhalational Prenatal Developmental Toxicity Study rat OECD 414 ECHA Based on available data, the classification criteria are not met. inhalational 9000 931-254-9	
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OECD 416 Method ECHA Source Evaluation/classification Based on available data, the classification criteria are not met. 5 butan-1-ol 71-36-3 200-751-6 **FCHA** Source Evaluation/classification Based on available data, the classification criteria are not met. Carcinogenicity No Substance name CAS no. EC no. 1 acetone 67-64-1 200-662-2 Route of exposure dermal Type of examination Toxicity study Species mouse Source ECHA Evaluation/classification Based on available data, the classification criteria are not met. 2 Reaction mass of xylene and ethylbenzene 905-588-0 Species rats (male/female) EU Method B.32 Method Source **ECHA** Evaluation/classification Based on available data, the classification criteria are not met. 3 ethanol 64-17-5 200-578-6 Source ECHA Evaluation/classification Based on available data, the classification criteria are not met. 4 Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0 931-254-9 Route of exposure inhalational NOAEC 9018 ppm Duration of exposure 2 year(s) Species mouse **OECD 451** Method Source ECHA Evaluation/classification Based on available data, the classification criteria are not met. STOT - single exposure No data available STOT - repeated exposure No Substance name EC no. CAS no. acetone 67-64-1 200-662-2 1 Route of exposure oral 10000 NOAEL ppm Species rat **OECD 408** Method **FCHA** Source Evaluation/classification Based on available data, the classification criteria are not met. Route of exposure inhalational NOAEC 19000 ppm Species rat Source ECHA Evaluation/classification Based on available data, the classification criteria are not met. n-butyl acetate 123-86-4 204-658-1 2 Route of exposure inhalational NOAEC 500 ppm Duration of exposure 90 day(s) Species rat Method EPA OTS 798.2450 **FCHA** Source Based on available data, the classification criteria are not met. Evaluation/classification 3 ethanol 64-17-5 200-578-6 Route of exposure oral Duration of exposure 14 week/s Species rat Target organ kidneys **OECD** 408 Method ECHA Source Evaluation/classification Based on available data, the classification criteria are not met. Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0 4 931-254-9 inhalational Route of exposure FCHA Source Evaluation/classification Based on available data, the classification criteria are not met. 5 propan-2-ol 67-63-0 200-661-7 inhalational Route of exposure Source ECHA

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Eval	uation/classification	Based on available data, the classification criteria are not met.
6	toluene	108-88-3 203-625-9
Rout	te of exposure	inhalational
Targ	et organ	central nervous system
Eval	uation/classification	Based on available data, the classification criteria are met.
Asp	iration hazard	
	lata available	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

11.2 Information on other hazards

Endocrine disrupting properties No data available. Other information No data available.

SECTION 12: Ecological information

12.1 Toxicity

Γοχία	city to fish (acute)			
No	Substance name	CAS no.		EC no.
1	ethyl-acetate	141-78-6		205-500-4
_C50			230	mg/l
Durat	tion of exposure		96	h
Spec		Pimephales promelas		
Sour	ce	ECHA		
2	acetone	67-64-1		200-662-2
.C50			5540	mg/l
	tion of exposure		96	h
Spec		Oncorhynchus mykiss		
Sour	ce	ECHA		
Evalu	uation/classification	Based on available data, the	classification criter	
*	n-butyl acetate	123-86-4		204-658-1
_C50			18	mg/l
	tion of exposure		96	h
Spec		Pimephales promelas		
Лeth		OECD 203		
Sour		ECHA		
Evalu	ation/classification	Based on available data, the	classification criter	
L I	ethanol	64-17-5		200-578-6
.C50			14200	mg/l
	tion of exposure		96	h
Spec		Pimephales promelas		
Neth		EPA		
Sour		ECHA		
5	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli	<u>cs - </u>		927-510-4
L50		>	13.4	mg/l
	tion of exposure		96	h
Spec		Oncorhynchus mykiss		
/leth		OECD 203		
Sour		ECHA		
5	propan-2-ol	67-63-0		200-661-7
_C50			9640	mg/l
	tion of exposure		96	h
Spec		Pimephales promelas		
Neth		OECD 203		
Sour		ECHA		
7	toluene	108-88-3		203-625-9
_C50			5.5	mg/l
	tion of exposure		96	h
Spec	ies	Oncorhynchus kisutch		

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Sour		ECHA			
8	butan-1-ol		71-36-3		200-751-6
LC50				1376	mg/l
Durai Spec	tion of exposure	Pimephales pro	melas	96	h
Meth		OECD 203	The las		
Sour	ce	ECHA			
Toxic	to fish (chronic)				
No da	ata available				
	city to Daphnia (acute)				
No 1	Substance name		CAS no. 141-78-6		EC no. 205-500-4
EC50	ethyl-acetate		141-70-0	1350	
Durat	tion of exposure			48	h
Spec		Daphnia magna			
Sourc 2		ECHA	67-64-1		200-662-2
2 EC50	acetone		07-04-1	8800	mg/l
	ion of exposure			48	h
Spec		Daphnia pulex			
Sour Evalu	ce lation/classification	ECHA Based on availa	ble data, the clas	sification criter	ia are not met
	n-butyl acetate		123-86-4	Sincation Chief	204-658-1
EC50				44	mg/l
	tion of exposure	Durk i		48	h
Spec Sourc		Daphnia magna ECHA	l		
	ce lation/classification	-	ble data, the clas	sification criter	ia are not met.
	ethanol		64-17-5		200-578-6
EC50				5012	mg/l
Durat Spec	tion of exposure	Ceriodaphnia di	ubia	48	h
Meth		ASTM Standard			
Sour		ECHA			
	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli	cs	-		927-510-4
EC50 Durat	ion of exposure			3 48	mg/l h
Spec		Daphnia magna	l		
Meth		OECD 202			
Sourc 6	propan-2-ol	ECHA	67-63-0		200-661-7
EC50		>	07-03-0	10000	mg/l
	ion of exposure			24	h
Spec		Daphnia magna			
Meth Sourc		OECD 202 ECHA			
7	toluene		108-88-3		203-625-9
EC50				3.78	mg/l
	tion of exposure	Coriodentrais	ubia	48	h
Spec Sourc		Ceriodaphnia du ECHA	BIG		
	butan-1-ol		71-36-3		200-751-6
EC50				1328	mg/l
	tion of exposure	Denhris		48	h
Spec Meth		Daphnia magna OECD 202	I		
Sourc		ECHA			
Γοχία	city to Daphnia (chronic)				
	Substance name		CAS no.		EC no.
1	n-butyl acetate		123-86-4		204-658-1
	C			23	mg/l
NOE				21	day(s)
NOE Durat	tion of exposure	Daphnia magna			
NOE Durat Spec	ies	Daphnia magna CAS 110-19-0	l		
NOE Durat Spec with r Meth	ies eference to od	CAS 110-19-0 OECD 211			
NOE Durat Spec with r Meth Sourc	ies eference to od ce	CAS 110-19-0 OECD 211 ECHA			
NOE Durat Spec with r Meth Sourc	ies eference to od	CAS 110-19-0 OECD 211 ECHA	ble data, the clas	sification criter	ia are not met. 200-578-6



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Duration of exposure		9	day(s)
Species	Daphnia magna	-	
Source	ECHA		
3 butan-1-ol	71-36-3		200-751-6
NOEC		4.1	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
Toxicity to algae (acute)			
No Substance name	CAS no.		EC no.
1 ethanol	64-17-5		200-578-6
EC50		275	mg/l
Duration of exposure		72	h
Species	Chlorella vulgaris		
Method	OECD 201		
	ECHA		007 540 4
2 Hydrocarbons, C7, n-alkanes, isoalk			927-510-4
EL50	10	- 30 72	mg/l
Duration of exposure Species	Pseudokirchneriella subcapita		h
Method	OECD 201	lia	
Source	ECHA		
3 butan-1-ol	71-36-3		200-751-6
EC50		225	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapita	ata	
Method	OECD 201		
Source	ECHA		
Toxicity to algae (chronic)			
No data available			
Bacteria toxicity			
No Substance name	CAS no.		EC no.
1 n-butyl acetate	123-86-4		204-658-1
IC50		356	mg/l
Duration of exposure		40	h
Species	Tetrahymena pyriformis (Proto	ozoa)	
Source	ECHA		
0 livetaria d. a.l.	71-36-3	4390	200-751-6
2 butan-1-ol		4390	mg/l
EC50			h
EC50 Duration of exposure	Depudemence putide	17	h
EC50 Duration of exposure Species	Pseudomonas putida		h
EC50	Pseudomonas putida DIN 38412 ECHA		h

12.2 Persistence and degradability

Biod	legradability				
No	Substance name	CAS no.		EC no.	
1	ethyl-acetate	141-78-6		205-500-4	
Sour	ce	ECHA			
Evalu	uation	readily biodegradable			
2	acetone	67-64-1		200-662-2	
Туре	1	aerobic biodegradation			
Value	Э		90.9	%	
Dura	tion		28	day(s)	
Meth	od	OECD 301 B			
Sour	ce	ECHA			
Evalu	uation	readily biodegradable			
3	n-butyl acetate	123-86-4		204-658-1	
Туре	1	aerobic biodegradation			
Value	9		83	%	
Dura	tion		28	day(s)	
Meth	od	OECD 301 D			
Sour	ce	ECHA			
Evalu	uation	readily biodegradable			
4	ethanol	64-17-5		200-578-6	
Туре		aerobic biodegradation			
Value	Э	appr.	84	%	
Dura	tion		20	day(s)	

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Method	OECD		
Source	ECHA		
Evaluation	readily biodegradable		
Value			%
5 Hydrocarbons, C7, n-alkanes, isoalka	nes, cyclics -		927-510-4
Туре	aerobic biodegradation		
Value		83	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
6 propan-2-ol	67-63-0		200-661-7
Туре	BOD/COD		
Value		53	%
Duration		5	day(s)
Source	ECHA		3()
Evaluation	readily biodegradable		
7 toluene	108-88-3		203-625-9
Туре	aerobic biodegradation		
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
8 butan-1-ol	71-36-3		200-751-6
Туре	DOC decrease		
Value		92	%
Duration		20	day(s)
Method	OECD		3()
Source	ECHA		
Evaluation	readily biodegradable		
Abiotic Degration			
No Substance name	CAS no.		EC no.
1 n-butyl acetate	123-86-4		204-658-1
Туре	Photolysis		
Half-life		3.3	day(s)
Reference temperature		25	°C
Source	ECHA	20	.
000100			

12.3 Bioaccumulative potential

Bioc	oncentration factor (BCF)				
No	Substance name		CAS no.		EC no.
1	n-butyl acetate		123-86-4		204-658-1
BCF				15.3	
Meth	od		del used (Q)SAR		
Sour	се	ECHA			
Part	ition coefficient n-octanol/water (log value)				
No	Substance name		CAS no.		EC no.
1	ethyl-acetate		141-78-6		205-500-4
log F	Pow			6.8	
Refe	rence temperature			25	°C
Sour	ce	ECHA			
2	acetone		67-64-1		200-662-2
log F				-0.23	
Meth		QSAR			
Sour	-	ECHA			
3	n-butyl acetate		123-86-4		204-658-1
log F				2.3	
	rence temperature			25	C°
Meth		OECD 117			
Sour		ECHA			
4	Reaction mass of xylene and ethylbenzene	1	-		905-588-0
log F				3.16	
	rence temperature	FOLIA		20	C
Sour		ECHA			
5	ethanol		64-17-5	0.05	200-578-6
log F				-0.35 24	°C
	rence temperature reference to	nH 7 4		24	L L
Meth		pH 7,4 OECD 107			
Sour		ECHA			
Soul		LONA			



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6 propan-2-ol	67-63-)	200-661-7	
log Pow		0.05		
Reference temperature		25	°C	
Source	ECHA			
7 toluene	108-88	-3	203-625-9	
log Pow		2.73		
Reference temperature		20	°C	
Source	ECHA			

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment					
PBT assessment	The components of this product are not considered to be a PBT.				
vPvB assessment	The components of this product are not considered to be a vPvB.				

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information

Do not allow to enter drains or water courses

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

 Waste code
 07 01 04*
 other organic solvents, washing liquids and mother liquors

 The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers must be scrapped or reconditioned.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

	Class Classification code Packing group Hazard identification no. UN number Proper shipping name Special Provision 640 Tunnel restriction code Label	3 F1 II 33 UN1263 PAINT RELATED MATERIAL 640D D/E 3
14.2	Transport IMDG Class Packing group UN number Proper shipping name EmS Label	3 II UN1263 PAINT RELATED MATERIAL F-E, S-E 3
14.3	Transport ICAO-TI / IATA Class Packing group UN number Proper shipping name Label	3 II UN1263 Paint related material 3
14.4	Other information No data available.	

14.5 Environmental hazards

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Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Reg	Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET					
AND	AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES					
The	The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.					
No	Substance name	CAS no.	EC no.	No		

1 toluene	108-88-3	203-62	j-9	48		
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances						
This product is subject to Part I of Annex I, risk category: P5b						
Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)						
VOC content	100	%				

VOC content

National regulations

Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

Chemical safety assessment 15.2

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

- The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.
- Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure
H373i	May cause damage to organs through prolonged or repeated exposure if inhaled.
H411	Toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Replaced version: 3.1.0, issued: 07.08.2020

Region: GB

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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