

Trade name: einzA Lackspray 96-514 Hammerschlag, grün

Product no.: 0965141

Current version: 1.1.0, issued: 07.08.2020 Replaced version: 1.0.0, issued: 22.05.2019 Region: GB

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

1.1 Product identifier

Trade name

einzA Lackspray 96-514 Hammerschlag, grün

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

Relevant identified uses of the substance or mixture

decorative paints/finishes

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

Telephone no. +49 (0)511 67490-0 Fax no. +49 (0)511 67490-20 e-mail 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)

Aerosol 1; H222 Aquatic Chronic 3; H412 Eye Irrit. 2; H319 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 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







Signal word

Danger

Hazardous component(s) to be indicated on label:

ethyl-acetate

Hazard statement(s)

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



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P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.
P271 Use only outdoors or in a well-ventilated area.

P405 Store locked up.

P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

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

No	Substance name		Additi	onal information			
110	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)		entration		%	
	REACH no	010351110011011 (EG) 121212000 (GEI)	001100	iiii uuoii		70	
1	ethyl-acetate						
'	141-78-6	EUH066	>=	25.00 - <	50.00	%-b.w.	
	205-500-4	Eye Irrit. 2; H319		23.00 - \	30.00	/0-D.W.	
	607-022-00-5						
	007-022-00-5	Flam. Liq. 2; H225					
_	- -	STOT SE 3; H336					
2	butane	TE: 0 / 11000		10.00		0/ 1	
	106-97-8	Flam. Gas 1; H220	>=	10.00 - <	25.00	%-b.w.	
	203-448-7	Press. Gas; H280					
	601-004-00-0						
3	-						
3	propane	Flam: Cas 4: 11000		10.00	25.00	0/ 1	
	74-98-6	Flam. Gas 1; H220	>=	10.00 - <	25.00	%-b.w.	
	200-827-9	Press. Gas					
	601-003-00-5						
4	Nanhtha (netroleum), hydrodesulfurized heavy					
7	64742-82-1	Aquatic Chronic 2; H411	>=	5.00 - <	10.00	%-b.w.	
	265-185-4	Aquatic Cironic 2, H411 Asp. Tox. 1; H304		J.00 - \	10.00	/0-D.W.	
	649-330-00-2	EUH066					
	049-330-00-2	Flam. Liq. 3; H226					
	-						
		STOT SE 3; H336					
	and an a	STOT RE 1; H372					
5	xylene	At. T 4* 11040		5.00	40.00	0/ 1	
	1330-20-7	Acute Tox. 4*; H312	>=	5.00 - <	10.00	%-b.w.	
	215-535-7	Acute Tox. 4*; H332					
	601-022-00-9	Flam. Liq. 3; H226					
		Skin Irrit. 2; H315					
6	aluminium powder (0/ 1	
	7429-90-5	Flam. Sol. 1; H228	<	2.50		%-b.w.	
	231-072-3	Water-react. 2; H261					
	013-002-00-1						
7	- othylbonzono		nlo ro	fer to footnote (1)			
-	ethylbenzene 100-41-4	Acute Tox. 4; H332	pis. re	2.50		%-b.w.	
	202-849-4	Flam. Liq. 2; H225	`	2.30		/0-D.W.	
		Asp. Tox. 1; H304					
	601-023-00-4	ASP. 10X. 1; F304					
	-	STOT RE 2; H373					
		Eye Irrit. 2; H319					
		Skin Irrit. 2; H315					
8	n-butyl acetate	STOT SE 3; H335					
U	123-86-4	EUH066	<	2.50		%-b.w.	
	204-658-1		`	2.30		/0-D.W.	
		Flam. Liq. 3; H226 STOT SE 3; H336					
	607-025-00-1	3101 SE 3, FI330					
9	acetone						
J	67-64-1	EUH066	<	2.50		%-b.w.	
	U1 -U4-	LOTIOOU		2.50		/U-D.VV.	



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	200-662-2 606-001-00-8 -	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336			
10	butan-1-ol				
	71-36-3	Acute Tox. 4*; H302	<	2.50	%-b.w.
	200-751-6	Eye Dam. 1; H318			
	603-004-00-6	Flam. Liq. 3; H226			
	-	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

(*,**,****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	C, U	-	-	
3	U	-	-	-
4	Р	-	-	-
5	С	-	-	-
6	T	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
4	H372
	-; central nervous system; -
7	H373
	inhalational; hearing; -

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.



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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. Do not inhale vapours/aerosols. 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

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

7.1 Precautions for safe handling

Advice on safe handling

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. Do not breathe steams or mist of the product. For personal protection see section 8. Avoid eye, skin and clothing contact.

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.

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, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

Requirements for storage rooms and vessels

Keep the product in the original packing. Keep container tightly closed. Observe label precautions. Official regulations ruling storage of aerosols must be observed.

Incompatible products

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

7.3 Specific end use(s)

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	141-78-6		
	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	butane	106-97-8		203-448-7	
	List of approved workplace exposure limits (WELs) / EH40				
	Butane				
	WEL short-term (15 min reference period)	1810	mg/m³	750	ppm
	WEL long-term (8-hr TWA reference period)	1450	mg/m³	600	ppm
	Comments	Carc, (only ap	plies if Butane co	ntains more than	0.1% of buta-



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ı		Trons.			
	N 10 / / N N I I I I	1,3-diene)			
3	Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1		265-185-4	
	List of approved workplace exposure limits (WELs) / EH40	1,000	, -		
_	WEL long-term (8-hr TWA reference period)	1200	mg/m³	045	
4	xylene	1330-20-7		215-535-7	
	2000/39/EC				
	Xylene, mixed isomers, pure	1440		400	
	WEL short-term (15 min reference period)	442	mg/m³	100	ppm
	WEL long-term (8-hr TWA reference period)	221	mg/m³	50	ppm
	Skin resorption / sensibilisation List of approved workplace exposure limits (WELs) / EH40	Skin			
	Xylene, o-, m-, p- or mixed isomers	1444	ma ar /ma 3	100	n.n.n.
	WEL short-term (15 min reference period) WEL long-term (8-hr TWA reference period)	220	mg/m³ mg/m³	100 50	ppm
	Comments	Sk,BMGV	my/m²	JU	ppm
5	aluminium powder (stabilised)	7429-90-5		231-072-3	
3	List of approved workplace exposure limits (WELs) / EH40	7423-30-3		231-0/2-3	
	Aluminium metal				
	total inhalable dust				
	WEL long-term (8-hr TWA reference period)	10	mg/m³		
	List of approved workplace exposure limits (WELs) / EH40	110	mg/m		
	Aluminium metal				
	respirable dust				
	WEL long-term (8-hr TWA reference period)	4	mg/m³		
6	ethylbenzene	100-41-4	9,	202-849-4	
	2000/39/EC				
	Ethylbenzene				
	WEL short-term (15 min reference period)	884	mg/m³	200	ppm
	WEL long-term (8-hr TWA reference period)	442	mg/m³	100	ppm
	Skin resorption / sensibilisation	Skin	<u>U</u>		
	List of approved workplace exposure limits (WELs) / EH40				
	Ethylbenzene				
	WEL short-term (15 min reference period)	552	mg/m³	125	ppm
	WEL long-term (8-hr TWA reference period)	441	mg/m³	100	ppm
	Comments	Sk			
7	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
	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
8	acetone	67-64-1		200-662-2	
	2000/39/EC				
	Acetone	14040		500	
	WEL long-term (8-hr TWA reference period)	1210	mg/m³	500	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Acetone	Lacao		4500	
	WEL short-term (15 min reference period)	3620	mg/m³	1500	ppm
0	WEL long-term (8-hr TWA reference period)	1210	mg/m³	500	ppm
9	butan-1-ol	71-36-3		200-751-6	
	List of approved workplace exposure limits (WELs) / EH40				
	Butan-1-ol WEL chart term (15 min reference period)	154	ma/m³	50	nnm
l	WEL short-term (15 min reference period) Comments	154 Sk	mg/m³	50	ppm
	Comments	J.K			

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. Short term: filter apparatus, Filter A

Eye / face protection



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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.

Othor

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

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour			
Aerosol			
according to product name			
Odour			
characteristic			
Odour threshold No data available			
pH value			
No data available			
Boiling point / boiling range			
No data available			
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
No data available			
Ignition temperature			
Value		490	°C
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
Value		1.5	% vol
Upper flammability or explosive limits			
Value		13.00	% vol
Vapour pressure			
Value	3	 4	bar
Reference temperature	Ŭ	20	°C
Value		10.4	bar
Reference temperature		50	°C
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value		0.95	g/cm³



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Reference temperature	20 °C
Reference substance	varnish
Solubility in water	
Comments	essentially insoluble
Solubility(ies)	
No data available	
Partition coefficient: n-octanol/water	
No data available	
Viscosity	
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

11.1 Information on toxicological effects

Acut	Acute oral toxicity (result of the ATE calculation for the mixture)					
No	Product Name					
1	einzA Lackspray 96-514 Hammerschlag, grün					
Com	ments	The result of the applied calculation method according to the European				
		Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is				
		outside the values that imply a classification / labelling of this mixture according				
		to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).				

Acut	Acute oral toxicity						
No	Substance name		CAS no.		EC no.		
1	n-butyl acetate		123-86-4		204-658-1		
LD50	0			10760	mg/kg bodyweight		
Spec Meth Sour	nod	rat OECD 423 ECHA					
2	acetone		67-64-1		200-662-2		
LD50	0			5800	mg/kg bodyweight		
Spec	cies	rat					
Sour	rce	ECHA					

A set of small Assistant College (Assistant College Continue)						
Acute a	dermal toxicity (result of the ATE calculation	for the mixture)				
No Pr	No Product Name					
1 ei	inzA Lackspray 96-514 Hammerschlag, grün					
Comme	ents	The result of the applied calculation method according to the European				
		Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is				
		outside the values that imply a classification / labelling of this mixture according				
		to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).				

Acut	Acute dermal toxicity						
No	Substance name	CAS no.	EC no.				
1	n-butyl acetate	123-86-4	204-658-1				
LD50		14112	mg/kg bodyweight				



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Spec Meth Source	od	rabbit OECD 402 ECHA			
2	acetone		67-64-1		200-662-2
LD50		>	7	400	mg/kg bodyweight
Spec	ies	rat			
Source	ce	ECHA			

Acut	Acute inhalational toxicity (result of the ATE calculation for the mixture)				
No	Product Name				
1	einzA Lackspray 96-514 Hammerschlag, grün				
Com	ments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).			

Acut	e inhalational toxicity					
No	Substance name		CAS no.		EC no.	
1	n-butyl acetate		123-86-4		204-658-1	
LC50		>=		21	mg/l	
Dura	tion of exposure			4	h	
	of aggregation	Vapour				
Spec	ies	rat				
Meth	od	OECD 403				
Sour	ce	ECHA				
2	acetone		67-64-1		200-662-2	
LC50				76	mg/l	
Dura	tion of exposure			4	h	
State	of aggregation	mist				
Spec		rat				
Sour	ce	ECHA				

Skin	Skin corrosion/irritation					
No	Substance name	CAS no.	EC no.			
1	acetone	67-64-1	200-662-2			
Dura	ition of exposure	24	4 h			
Spec	cies	rabbit				
Eval	Evaluation low-irritant					
Evaluation/classification Based on available data, the classification criteria are not met.			cation criteria are not met.			

Serio	Serious eye damage/irritation					
No	Substance name	CAS no.	EC no.			
1	acetone	67-64-1	200-662-2			
Spec	ies	rabbit				
Meth	od	OECD 405				
Source		ECHA				
Evalu	uation	irritant				

Resp	Respiratory or skin sensitisation					
No	Substance name	CAS no.	EC no.			
1	acetone	67-64-1	200-662-2			
Route	e of exposure	Skin				
Species		guinea pig				
Source		ECHA				
Evaluation		non-sensitizing				

Gern	Germ cell mutagenicity					
No	Substance name	CAS no.	EC no.			
1	acetone	67-64-1	200-662-2			
Type	of examination	Bacterial Reverse Mutation Test				
Meth	od	OECD 471				
Source		ECHA				
Evalu	uation/classification	Based on available data, the classification criter	ia are not met.			

Reproduction toxicity	
No data available	
Carcinogenicity	
No data available	
STOT - single exposure	

STOT - single exposure	
No data available	



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No data available	
Aspiration hazard	
No data available	

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Inhalation may cause irritations of the respiratory tract, allergic reactions, cough, breathing difficulties, headache, nausea and vomiting.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)					
No	Substance name	CAS no.		EC no.	
1	propane	74-98-6		200-827-9	
LC50			24.11	mg/l	
Dura	ion of exposure		96	h	
Spec	ies	fish			
Meth	od	QSAR			
Source	ce	ECHA			
2	n-butyl acetate	123-86-4		204-658-1	
LC50			18	mg/l	
Dura	ion of exposure		96	h	
Spec		Pimephales promelas			
Meth		OECD 203			
Sour	ce	ECHA			
Evalu	ation/classification	Based on available data, the	classification crite	ria are not met.	
3	acetone	67-64-1		200-662-2	
LC50			5540	mg/l	
Dura	ion of exposure		96	h	
Spec	ies	Oncorhynchus mykiss			
Meth	bd	OECD 203			
Source	ce	ECHA			

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)				
No Substance name	CAS no.		EC no.	
1 propane	74-98-6		200-827-9	
EC50		14.22	mg/l	
Duration of exposure		48	h	
Species	Daphnia			
Method	QSAR			
Source	ECHA			
2 n-butyl acetate	123-86-4		204-658-1	
EC50		44	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			
3 acetone	67-64-1		200-662-2	
EC50		8800	mg/l	
Duration of exposure		48	h	
Species	Daphnia pulex			
Source	ECHA			

Toxic	Toxicity to Daphnia (chronic)				
No	Substance name	CAS no.		EC no.	
1	acetone	67-64-1		200-662-2	
NOE	С		2212	mg/l	
Dura	tion of exposure		28	day(s)	
Spec	eies	Daphnia magna			
Meth	od	OECD 211			
Sour	ce	ECHA			

Toxic	Toxicity to algae (acute)				
No	Substance name	CA	S no.	EC no.	
1	propane	74-	98-6	200-827-9	
EC50)		7.71	mg/l	
Dura	tion of exposure		96	h	
Species		Algae			
Method		QŠAR			
Sour	ce	ECHA			



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2	n-butyl acetate	123-86-4		204-658-1
EC50			647.7	mg/l
Dura	tion of exposure		72	h
Spec	ies	Desmodesmus subspicatus		
Sour	ce	ECHA		

Toxic	Toxicity to algae (chronic)				
No	Substance name	CAS no.	EC no.		
1	acetone	67-64-1	200-662-2		
EC10		530	mg/l		
Dura	tion of exposure	8	day(s)		
Species		Microcystis aeruginosa (blue-green alga)			
Sour	ce	ECHA			

No data available

12.2 Persistence and degradability

	ersistence and degradability			
Biod	egradability			
No	Substance name	CAS no.		EC no.
1	propane	74-98-6		200-827-9
Type		aerobic biodegradation		
Value			100	%
Durat	ion		633	h
Source	ce	ECHA		
Evalu	ation	readily biodegradable		ļ
2	xylene	1330-20-7		215-535-7
Value				%
3	acetone	67-64-1		200-662-2
Туре		aerobic biodegradation		
Value			90	%
Durat	ion		28	day(s)
Source	ce	ECHA		
Evalu	ation	readily biodegradable		

12.3 Bioaccumulative potential

No data available.

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 Other adverse effects

No data available

12.7 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 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances
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.

Hand over only completely emptied aerosol cans for valuable substance recovery!

Packaging

Waste code 15 01 04; 15 01 metallic packaging; metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

Residuals 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

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14.1 Transport ADR/RID/ADN

Class 2
Classification code 5F
UN number UN1950
Proper shipping name AEROSOLS
Tunnel restriction code D
Label 2.1

14.2 Transport IMDG

 Class
 2

 UN number
 UN1950

 Proper shipping name
 AEROSOLS

 EmS
 F-D, S-U

 Label
 2.1

14.3 Transport ICAO-TI / IATA

Class 2.1 UN number UN1950

Proper shipping name Aerosols, flammable

Label 2.1

14.4 Other information

No data available

14.5 Environmental hazards

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 Transport in bulk according to Annex II of Marpol and the IBC Code

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.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

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

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: P3a

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)				
VOC content	67.5 %			
VOC-value	675 g/l			

National regulations

Other national regulations

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

15.2 Chemical safety assessment

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.



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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.

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

H228 Flammable solid.

H261 In contact with water releases flammable gases.
H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.
H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a

mixture of isomers

P The classification as a carcinogen or mutagen need not apply if it can be shown that the substance

contains less than 0.1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived

substances in Part 3.

T This substance may be marketed in a form which does not have the physical hazards as indicated by

the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the

relevant test method(s) shall be included in the safety data sheet.

U When put on the market gases have to be classified as 'Gases under pressure', in one of the groups

compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the

physical state in which the gas is packaged and therefore has to be assigned case by case.

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.

Alterations/supplements:

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

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