EC safety data sheet

Trade name: einzA Luft- und Yachtlack, farblos Product no.: 7000332 Current version : 2.0.1, issued: 19.05.2020

Replaced version: 2.0.0, issued: 15.01.2019

Region: GB

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

1.1 Product identifier

Trade name

einzA Luft- und Yachtlack, farblos

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) Flam. Liq. 3; H226

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) 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 Warning

Hazardous component(s) to be indicated on label:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statement(s)

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.



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Hazard statements (EU) EUH066 EUH208	Repeated exposure may cause skin dryness or cracking. Contains phthalic-anhydride. May produce an allergic reaction.
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.
P271	Use only outdoors or in a well-ventilated area.
P370+P378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
P405	Store locked up.
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	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	ssification (EC) 1272/2008 (CLP) Concentration		%
	REACH no				
1	Hydrocarbons, C9-	C11, n-alkanes, isoalkanes, cyclics, <2%			
	aromatics	aromatics			
	64742-48-9	Asp. Tox. 1; H304	>=	10.00 - < 25.00	%-b.w.
	919-857-5	EUH066			
	-	Flam. Liq. 3; H226			
	01-2119463258-33	STOT SE 3; H336			
2	Hydrocarbons, C10)-C13, n-alkanes, isoalkanes, cyclics, <2%			
	aromatics				
	-	Asp. Tox. 1; H304	>=	5.00 - < 10.00	%-b.w.
	918-481-9	EUH066			
	-				
	01-2119457273-39				
3	phthalic-anhydride	н			
	85-44-9	Acute Tox. 4*; H302	<	0.50	%-b.w.
	201-607-5	Eye Dam. 1; H318			
	607-009-00-4	Resp. Sens. 1; H334			
	-	Skin Irrit. 2; H315			
		Skin Sens. 1; H317			
		STOT SE 3; H335			

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

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.

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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.

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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

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

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protection see section 8.

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.

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should

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

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

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

General protective and hygiene measures

Clean skin thoroughly after work; apply skin cream. Advice on protection against fire and explosion

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

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.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name				
	Route of exposure	Value			
1	··· , ··· ··· ··· ··· ··· ··· ··· ··· ··· ·			64742-48-9 919-857-5	
	dermal	Long term (chronic)	systemic	300	mg/kg/day
	inhalative	Long term (chronic)	systemic	1500	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure Exposure time Effect			Value	
1	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			64742-48-9	
				919-857-5	
	oral	Long term (chronic)	systemic	300	mg/kg/day
	dermal	Long term (chronic)	systemic	300	mg/kg/day
	inhalative	Long term (chronic)	systemic	900	mg/m³

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

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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)

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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 workstation 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 short-term contact / splash protection: nitrile rubber					
Material thickness	>	0.4	mm			
Breakthrough time	>	120	min			
Appropriate Material	In case of prolonged e	exposure: nit	rile 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

9.1 Information on basic physical and chemical properties

Form/Colour			
liquid			
according to product name			
Odour			
of solvents			
Odour threshold			
No data available			
pH value			
No data available			
Boiling point / boiling range			
Value	>	120	٥C
Reference substance	solvent mixture		
	•		
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
Value	36 -	38	0°
Method	closed cup		
Ignition tomporature			
Ignition temperature Value	>	200	°C
Reference substance	solvent mixture	200	0
Auto-ignition temperature			



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No data available							
Oxidising properties							
Not applicable							
Evaluative properties							
Explosive properties No data available							
Flammability (solid, gas)							
Not applicable							
Lower flammability or explosive limits							
Value	>	0.6	% vol				
Reference substance	solvent mixture						
llaner flemme bility er evalesive limite	·						
Upper flammability or explosive limits Value	<	7.5	% vol				
Reference substance	solvent mixture	7.5	70 VOI				
Vapour pressure							
Value	<	100	hPa				
Reference temperature		50	°C				
Reference substance	solvent mixture						
Vapour density							
No data available							
From exertion mate							
Evaporation rate No data available							
Relative density							
No data available							
Density							
Value	0.94 -	0.94	g/cm ³				
Reference temperature		20	°C				
Method	DIN 51757						
Solubility in water							
Solubility in water Comments	immiscible						
Comments							
Solubility(ies)							
No data available							
Partition coefficient: n-octanol/water							
No data available							
Viscosity	0.4	00					
Value	34 -	36	sec °C				
Reference temperature Method	DIN EN 2431 (6 n	20	0				
		(((((
Solvent separation test							
Value	<	3	%				
		20	°C				
Reference temperature		20	0				

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).

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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

Acute oral toxicity							
No	Substance name		CAS no.		EC no.		
1	··· · ································		64742-48-9		919-857-5		
	cyclics, <2% aromatics	•					
LD5		>		5000	mg/kg bodyweight		
Spec		rat					
Meth		OECD 401					
Sour	ce	ECHA					
Acu	te dermal toxicity						
No			CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoal cyclics, <2% aromatics	kanes,	64742-48-9		919-857-5		
LD5	0	>		2000	mg/kg bodyweight		
Spec		rabbit					
Meth	nod	OECD 402					
Sour	rce	ECHA					
Acu	te inhalational toxicity						
-	lata available						
Skin	corrosion/irritation						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoal cyclics, <2% aromatics	kanes,	64742-48-9		919-857-5		
Spec	cies	rabbit					
Meth	nod	OECD 404					
Sour	rce	ECHA					
Eval	uation	non-irritant					
Seri	ous eye damage/irritation						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoal cyclics, <2% aromatics	kanes,	64742-48-9		919-857-5		
Spec	cies	rabbit					
Meth		OECD 405					
Sour		ECHA					
Eval	uation	non-irritant					
Res	Respiratory or skin sensitisation						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoal cyclics, <2% aromatics	kanes,	64742-48-9		919-857-5		
Rout	te of exposure	Skin					
Spec	cies	guinea pig					
Meth		OECD 406					
		ECHA					

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Evaluation	non-sensitizing	
Germ cell mutagenicity		
No data available		
Reproduction toxicity		
No data available		
Carcinogenicity		
No data available		
STOT - single exposure		
No data available		
STOT - repeated exposure		
No data available		
Aspiration hazard		
No data available		
Delayed and immediate effect	ts 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.

SECTION 12: Ecological information

12.1 Toxicity

Tox	city to fish (acute)						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoall cyclics, <2% aromatics	kanes,	64742-48-9		919-857-5		
LL50		1000	mg/l				
	ation of exposure			96	h		
Spe		Rainbow trou	t				
Met		OECD 203					
Sou	rce	ECHA					
Tox	city to fish (chronic)						
	lata available						
	city to Daphnia (acute)						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoall	kanes,	64742-48-9		919-857-5		
	cyclics, <2% aromatics						
EL5		>		1000	mg/l		
	ation of exposure			48	h		
Spe		Daphnia mag					
	reference to		accommodated	fractions)			
Met		OECD 202					
Sou	rce	ECHA					
Tox	city to Daphnia (chronic)						
No c	lata available						
Tox	Toxicity to algae (acute)						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoall cyclics, <2% aromatics	kanes,	64742-48-9		919-857-5		
	cyclics, ~2% diolliducs						

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EL50	>	1000	mg/l				
Duration of exposure		72	h				
Species	Pseudokirchneri	ella subcapitata					
with reference to	WAF (water acc	ommodated fractions)					
Method	OECD 201						
Source	ECHA						
Toxicity to algae (chronic)							
No data available							
NO GALA AVAIIADIE							
Bacteria toxicity							
No data available							

12.2 Persistence and degradability

Biodegradability				
No	Substance name	CAS	S no.	EC no.
1	Hydrocarbons, C9-C11, n-alkanes, isoalk cyclics, <2% aromatics	anes, 647	42-48-9	919-857-5
Meth	nod	OECD 301 F		
Source		ECHA		
Evaluation		readily biodegrada	able	

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.

Packaging

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.

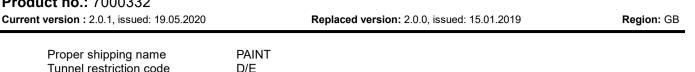
SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	111
Hazard identification no.	30
UN number	UN1263



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	Label	3
14.2	Transport IMDG Class Packing group UN number Proper shipping name EmS Label	3 III UN1263 PAINT F-E+S-E 3
14.3	Transport ICAO-TI / IATA Class Packing group UN number Proper shipping name Label	3 III UN1263 Paint 3

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 substancesThis product is subject to Part I of Annex I, risk category:P5c

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)VOC content27.48

Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE , Cat. : e, type: lb = 400 g/l Max. VOC content (limit value) of the product in its ready for use condition = < 400 g/l

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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 chapter.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

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)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.

Department issuing safety data sheet

UMCO GmbH

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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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