

Trade name: einZA Isolierweiß Spray, weiß

Product no.: 0079548

Current version : 1.1.0, issued: 07.04.2022

Replaced version: 1.0.0, issued: 20.05.2021

Region: GB

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

### 1.1 Product identifier

Trade name

**einZA Isolierweiß Spray, weiß**

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

Relevant identified uses of the substance or mixture

primer

Uses advised against

No data available.

### 1.3 Details of the supplier of the safety data sheet

Address

einZA Farben GmbH &amp; 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

Asp. Tox. 1; H304

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) 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



GHS02



GHS07



GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics

Hazard statement(s)

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H304

May be fatal if swallowed and enters airways.

H315

Causes skin 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.

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P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P410+P412	Protect from sunlight. Do not 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	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	<b>dimethyl ether</b>		
	115-10-6 204-065-8 603-019-00-8 01-2119472128-37	Flam. Gas 1A; H220 Press. Gas; H280	>= 10.00 - < 25.00 wt%
2	<b>propane</b>		
	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 10.00 - < 25.00 wt%
3	<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>		
	64742-49-0 921-024-6 - 01-2119475514-35	Aquatic Chronic 2; H411 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304	>= 10.00 - < 25.00 wt%
4	<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>		
	- 927-241-2 - 01-2119471843-32	Aquatic Chronic 3; H412 Asp. Tox. 1; H304 Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	>= 10.00 - < 25.00 wt%
5	<b>butane</b>		
	106-97-8 203-448-7 601-004-00-0 01-2119474691-32	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 10.00 - < 25.00 wt%
6	<b>Naphtha (petroleum), hydrotreated light</b>		
	64742-49-0 920-750-0 649-328-00-1 01-2119473851-33	Flam. Liq. 2; H225 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Chronic 2; H411 EUH066	Contains < 0.1 % w/w benzene (EC No 200-753-7). < 2.50 wt%

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	U	-	-	-
2	U	-	-	-
5	C, U	-	-	-

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)".

**SECTION 4: First aid measures**

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## 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, CO<sub>2</sub>, 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 (CO<sub>2</sub>); 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. 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.

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**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	dimethyl ether	115-10-6	204-065-8
	2000/39/EC		
	Dimethylether		
	WEL long-term (8-hr TWA reference period)	1920	mg/m <sup>3</sup> 1000 ppm
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Dimethyl ether		
	WEL short-term (15 min reference period)	958	mg/m <sup>3</sup> 500 ppm
	WEL long-term (8-hr TWA reference period)	766	mg/m <sup>3</sup> 400 ppm
2	butane	106-97-8	203-448-7
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Butane		
	WEL short-term (15 min reference period)	1810	mg/m <sup>3</sup> 750 ppm
	WEL long-term (8-hr TWA reference period)	1450	mg/m <sup>3</sup> 600 ppm
	Comments	Carc. (only applies if Butane contains more than 0.1% of buta-1,3-diene)	

**DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	dimethyl ether	115-10-6 204-065-8		
	inhalative	Long term (chronic)	systemic	1894 mg/m <sup>3</sup>
2	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0 921-024-6		
	dermal	Long term (chronic)	systemic	773 mg/kg/day
	inhalative	Long term (chronic)	systemic	2035 mg/m <sup>3</sup>
3	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	- 927-241-2		
	dermal	Long term (chronic)	systemic	208 mg/kg/day
	inhalative	Long term (chronic)	systemic	871 mg/m <sup>3</sup>
4	Naphtha (petroleum), hydrotreated light	64742-49-0 920-750-0		
	dermal	Long term (chronic)	systemic	773 mg/kg/day
	inhalative	Long term (chronic)	systemic	2035 mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	dimethyl ether	115-10-6 204-065-8		
	inhalative	Long term (chronic)	systemic	471 mg/m <sup>3</sup>
2	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0 921-024-6		

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	oral	Long term (chronic)	systemic	699	mg/kg/day
	dermal	Long term (chronic)	systemic	699	mg/kg/day
	inhalative	Long term (chronic)	systemic	608	mg/m <sup>3</sup>
3	<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>			-	
				<b>927-241-2</b>	
	oral	Long term (chronic)	systemic	125	mg/kg/day
	dermal	Long term (chronic)	systemic	125	mg/kg/day
	inhalative	Long term (chronic)	systemic	185	mg/m <sup>3</sup>
4	<b>Naphtha (petroleum), hydrotreated light</b>			<b>64742-49-0</b>	
				<b>920-750-0</b>	
	oral	Long term (chronic)	systemic	699	mg/kg
	dermal	Long term (chronic)	systemic	699	mg/kg/day
	inhalative	Long term (chronic)	systemic	608	mg/m <sup>3</sup>

**PNEC values**

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	<b>dimethyl ether</b>		<b>115-10-6</b> <b>204-065-8</b>
	water	fresh water	0.155 mg/L
	water	Aqua intermittent	1.549 mg/L
	water	marine water	0.016 mg/L
	water	fresh water sediment	0.681 mg/kg dry weight
	water	marine water sediment	0.069 mg/kg dry weight
	soil	-	0.045 mg/kg dry weight
	sewage treatment plant	-	160 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. Short term: filter apparatus, Filter A

**Eye / face protection**

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.

**Other**

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**

<b>State of aggregation</b>	
liquid	
<b>Form/Colour</b>	
Aerosol	
according to product name	
<b>Odour</b>	
No data available	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
Value	-44.5 °C
<b>Melting point/freezing point</b>	
No data available	

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<b>Decomposition temperature</b>			
No data available			
<b>Flash point</b>			
Value	<	0	°C
<b>Ignition temperature</b>			
Value		235	°C
<b>Flammability</b>			
No data available			
<b>Lower explosion limit</b>			
Value		1.5	% vol
<b>Upper explosion limit</b>			
Value		18.6	% vol
<b>Vapour pressure</b>			
Value		8300	hPa
Reference temperature		20	°C
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value		0.778	g/cm <sup>3</sup>
Reference temperature		20	°C
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	propane	74-98-6	200-827-9
log Pow	appr.	1.8	
Method	QSAR		
Source	ECHA		
<b>Viscosity</b>			
No data available			
<b>Solids content</b>			
Value		24.7	%
<b>Particle characteristics</b>			
No data available			

## 9.2 Other information

<b>Other information</b>
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

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
LD50	>	5840	mg/kg bodyweight
Species	rat		
Source	ECHA		
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
LD50	>	2800 - 3100	mg/kg bodyweight
Species	rabbit		
Source	ECHA		
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8
LC50		164000	ppmV
Duration of exposure		4	h
State of aggregation	Gas		
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	propane	74-98-6	200-827-9
LC50	>	800000	ppmV
Duration of exposure		0.25	h
State of aggregation	Gas		
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0	921-024-6
LC50	>	25.2	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		
4	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
LC50	>	23.3	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0	921-024-6
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
2	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
Route of exposure	Skin		

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Species	guinea pig
Method	OECD 406
Source	ECHA
Evaluation	non-sensitizing

**Germ cell mutagenicity**

No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8

Type of examination	in vitro gene mutation study in bacteria
Species	Salmonella typhimurium / Escherichia coli
Method	OECD 471
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	In vitro Mammalian Chromosomal Aberration Test
Species	Human Lymphocyte
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	Chinese hamster Ovary (CHO)
Method	OECD 476
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

No	Substance name	CAS no.	EC no.
2	butane	106-97-8	203-448-7

Type of examination	In vitro Mammalian Chromosomal Aberration Test
Species	Human Lymphocyte
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 bacteria
Species	Salmonella typhimurium
Method	OECD 471
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

No	Substance name	CAS no.	EC no.
3	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0

Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

**Reproduction toxicity**

No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8

Route of exposure	inhalational
Type of examination	Repeated Dose Inhalation Toxicity
Species	rat
Method	OECD 452
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Route of exposure	inhalational
NOAEL	40000 ppm

Type of examination	Prenatal Developmental Toxicity Study
Species	rat
Method	OECD 414
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

No	Substance name	CAS no.	EC no.
2	propane	74-98-6	200-827-9

Route of exposure	inhalational
NOAEC	12000 ppm
Type of examination	Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test
Species	rat
Method	OECD 422
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

No	Substance name	CAS no.	EC no.
3	butane	106-97-8	203-448-7

Route of exposure	inhalational
Species	rat
Method	OECD 422
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

No	Substance name	CAS no.	EC no.
4	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0

Source	ECHA
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Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>Carcinogenicity</b>			
No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8
Route of exposure	inhalational		
NOAEC		47106	mg/m <sup>3</sup>
Type of examination	Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test		
Species	rat		
Method	OECD 453		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>STOT - single exposure</b>			
No data available			
<b>STOT - repeated exposure</b>			
No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8
Route of exposure	inhalational		
Species	rat		
Method	OECD 452		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	propane	74-98-6	200-827-9
Route of exposure	inhalational		
LOAEC		12000	ppm
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0	921-024-6
Route of exposure	inhalational		
NOAEC		14000	mg/m <sup>3</sup>
Species	rat		
Source	ECHA		
4	butane	106-97-8	203-448-7
Route of exposure	inhalational		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>Aspiration hazard</b>			
No data available			
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>			
Inhalation may cause irritations of the respiratory tract, allergic reactions, cough, breathing difficulties, headache, nausea and vomiting.			

## 11.2 Information on other hazards

### Endocrine disrupting properties

No data available.

### Other information

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8
LC50		>	4100 mg/l
Duration of exposure		96	h
Species	Poecilia reticulata		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0	921-024-6
LC50		11.4	mg/l

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Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
<b>3</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
LL50	<=	10	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
<b>Toxicity to fish (chronic)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
NOELR		0.57	mg/l
Duration of exposure		28	day(s)
Species	Oncorhynchus mykiss		
Source	ECHA		
<b>Toxicity to Daphnia (acute)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>dimethyl ether</b>	<b>115-10-6</b>	<b>204-065-8</b>
EC50	>	4400	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>	<b>64742-49-0</b>	<b>921-024-6</b>
EL50		3	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
<b>3</b>	<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	<b>-</b>	<b>927-241-2</b>
EL50	>	22	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
<b>4</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
EL50	<=	10	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
<b>Toxicity to Daphnia (chronic)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
NOELR		1	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
<b>Toxicity to algae (acute)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>	<b>64742-49-0</b>	<b>921-024-6</b>
EL50		30	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
<b>2</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
EL50	<=	30	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

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Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
	NOELR	6.3	mg/l
	Duration of exposure	3	day(s)
	Species	Pseudokirchneriella subcapitata	
	Method	OECD 201	
	Source	ECHA	

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8
	EC10	>	1600 mg/l
	Species	Pseudomonas putida	
	Source	ECHA	
	Evaluation/classification	Based on available data, the classification criteria are not met.	

## 12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	dimethyl ether	115-10-6	204-065-8
	Type	aerobic biodegradation	
	Value	5	%
	Duration	28	d
	Method	OECD 301 D	
	Source	ECHA	
	Evaluation	not readily biodegradable	
2	propane	74-98-6	200-827-9
	Type	aerobic biodegradation	
	Value	50	%
	Duration	3	d
	Method	QSAR	
	Source	ECHA	
	Evaluation	readily biodegradable	
3	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0	921-024-6
	Value	98	%
	Duration	28	day(s)
	Method	OECD 301 F	
	Source	ECHA	
	Evaluation	readily biodegradable	
4	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	927-241-2
	Type	aerobic biodegradation	
	Value	89	%
	Duration	28	day(s)
	Method	OECD 301 F	
	Source	ECHA	
	Evaluation	readily biodegradable	
5	butane	106-97-8	203-448-7
	Type	aerobic biodegradation	
	Value	50	%
	Duration	3.46	d
	Method	QSAR	
	Source	ECHA	
6	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
	Value	98	%
	Duration	28	day(s)
	Method	OECD 301 F	
	Source	ECHA	
	Evaluation	readily biodegradable	

## 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	propane	74-98-6	200-827-9
	log Pow	appr.	1.8
	Method	QSAR	
	Source	ECHA	

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**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 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 11\* metallic packaging; metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

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 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 Maritime transport in bulk according to IMO instruments**  
Not relevant

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## 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, MIXTURES AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in 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
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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 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.
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
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)

C	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.
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.

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