SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

QUICK FILLER - GREY

Creation date	28th July 2025		
Revision date		Version	4.0

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

1.1. Product identifier — QUICK FILLER - GREY

Substance / mixture	mixture
Number	R 34363
UFI	6752-53QQ-500Q-J8ND

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

Mixture's intended use

Barrier (Sealant). For professional use only.

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	RETECH, s.r.o.
Address	Vackova 1541/4, Praha 5 - Stodůlky, 155 00 Czech Republic
Identification number (CRN)	25018205
VAT Reg. No.	CZ25018205
Phone	+420327596428
E-mail	info@retech.cz
Web address	www.retech.com

Competent person responsible for the safety data sheet

Name	RETECH, s.r.o.
E-mail	info@retech.cz

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 1, H222, H229
Eye Irrit. 2, H319
STOT SE 3, H336

Most serious adverse physico-chemical effects

Pressurised container: May burst if heated. Extremely flammable aerosol.

Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness. Causes serious eye irritation.

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

acetone
n-butyl acetate
butanone

Hazard statements

H222	Extremely flammable aerosol.

H229	Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

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.
P264	Wash exposed parts of the body thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.

Supplemental information

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Density	0.812 g/cm³ (Grey)
VOC	81,7 %
VOC limit value	cat. B (e) : 840 g/l
Max. VOC content in the product in its ready to use condition	<839 g/l

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-019-00-8 CAS: 115-10-6 EC: 204-065-8 Registration number: 01-2119472128-37	dimethyl ether	25-50	Press. Gas, Flam. Gas 1A, H220	2, 7
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 Registration number: 01-2119471330-49	acetone	10-20	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	7, 9, A

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 Registration number: 01-2119485493-29	n-butyl acetate	10-20	Flam. Liq. 3, H226 STOT SE 3, H336 Aquatic Chronic 3, H412 EUH066	7
CAS: 1332-58-7 EC: 310-194-1	kaolin	5-10	not classified as dangerous	
Index: 649-202-00-6 CAS: 68476-85-7 EC: 270-704-2	Petroleum gases, liquefied	5-10	Press. Gas, Flam. Gas 1A, H220	6
Index: 606-002-00-3 CAS: 78-93-3 EC: 201-159-0	butanone	2.5-3.5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	7, A
Index: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9	2-methoxy-1-methylethyl acetate	2.5-3.5	Flam. Liq. 3, H226	7
Index: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5	titanium dioxide	1-2.5	Carc. 2, H351 (inhalation)	3, 4, 5
Index: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 Registration number: 01-2119488216-32	xylene	0.25-0.5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Specific concentration limit: ATE Dermal = 1100 mg/kg bw ATE Inhalation (dust/mist) = 1,5 mg/l	1, 7
CAS: 1333-86-4 EC: 215-609-9 Registration number: 01-2119384822-32	carbon black	0.1-0.2	not classified as dangerous	
Index: 601-023-00-4 CAS: 100-41-4 EC: 202-849-4 Registration number: 01-2119489370-35	ethylbenzene	0.0050001 -0.055	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) Aquatic Chronic 3, H412 Specific concentration limit: ATE Inhalation (vapor) = 1,5 mg/l	7
Index: 602-033-00-1 CAS: 108-90-7 EC: 203-628-5	chlorobenzene	0.005-0.05	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Acute Tox. 4, H332 Aquatic Chronic 2, H411 Specific concentration limit: ATE Inhalation (vapor) = 1,5 mg/l	7

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-108-00-1 CAS: 78-83-1 EC: 201-148-0 Registration number: 01-2119484609-23	2-methylpropan-1-ol	0.005-0.05	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335, H336	
Index: 607-251-00-0 CAS: 70657-70-4 EC: 274-724-2	2-methoxypropyl acetate	0.005-0.05	Flam. Liq. 3, H226 STOT SE 3, H335 Repr. 1B (***), H360D	8

Notes

** *reproductive toxicity: supplementary letters specify whether fetal harm (d) or fertility harm (f) may*
* *occur*

1 *Note 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.*

2 *Note U (Table 3): 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. The following codes are assigned:*

Press. Gas (Comp.)
Press. Gas (Liq.)
Press. Gas (Ref. Liq.)
Press. Gas (Diss.)

Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

3 *Note V: If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.*

4 *Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.*

This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

5 *Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.*

6 *Note K: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w 1,3- butadiene (Einecs No 203-450-8), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 shall apply.*

7 *A substance for which exposure limits are set.*

8 *The use of the substance is restricted by Annex XVII of REACH Regulation*

9 *Explosive precursor*

A *Drug precursor*

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Remove person to fresh air and keep comfortable for breathing.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. In the event of issues, find medical help.

If swallowed

In the event of issues, find medical help.

4.2. Most important symptoms and effects, both acute and delayed

If inhaled

May cause drowsiness or dizziness.

If on skin

Not expected.

If in eyes

Causes serious eye irritation.

If swallowed

Not expected.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container: May burst if heated. In the event of fire toxic gases may arise.

5.3. Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Keep unprotected persons away. Use a self-contained breathing apparatus and full-body protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop leak if safe to do so. In the event of substantial pollution, contact respective authorities. Absorb spillage to prevent material damage. Use personal protective equipment for work. Provide sufficient ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Prevent contact with skin and eyes. Keep unprotected persons away. Evacuate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, earth). In the event of leakage into water, prevent other spread of the product via oil boom. Stop leak if safe to do so. Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

The product is stable under normal conditions. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Do not eat, drink or smoke when using this product. Wash hands and exposed parts of the body thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep only in original packaging.

Content	Packaging type	Material of package
500 ml	aerosol can	FE

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union **Commission Directive (EU) 2019/1831**

Substance name (component)	Type	Value
n−butyl acetate (CAS: 123−86−4)	OEL 8 hours	241 mg/m³
	OEL 8 hours	50 ppm
	OEL 15 minutes	723 mg/m³
	OEL 15 minutes	150 ppm

European Union **Commission Directive 2000/39/EC**

Substance name (component)	Type	Value
dimethyl ether (CAS: 115−10−6)	OEL 8 hours	1920 mg/m³
	OEL 8 hours	1000 ppm
acetone (CAS: 67−64−1)	OEL 8 hours	1210 mg/m³
	OEL 8 hours	500 ppm
butanone (CAS: 78−93−3)	OEL 8 hours	600 mg/m³
	OEL 8 hours	200 ppm
	OEL 15 minutes	900 mg/m³
	OEL 15 minutes	300 ppm

European Union **Commission Directive 2000/39/EC**

Substance name (component)	Type	Value
2−methoxy−1−methylethyl acetate (CAS: 108−65−6)	OEL 8 hours	275 mg/m³
	OEL 8 hours	50 ppm
	OEL 15 minutes	550 mg/m³
	OEL 15 minutes	100 ppm
xylene (CAS: 1330−20−7)	OEL 8 hours	221 mg/m³

European Union **Commission Directive 2000/39/EC**

Substance name (component)	Type	Value
xylene (CAS: 1330−20−7)	OEL 8 hours	50 ppm
	OEL 15 minutes	442 mg/m³
	OEL 15 minutes	100 ppm
ethylbenzene (CAS: 100−41−4)	OEL 8 hours	442 mg/m³
	OEL 8 hours	100 ppm
	OEL 15 minutes	884 mg/m³
	OEL 15 minutes	200 ppm

Notes
Skin.

European Union **Commission Directive 2006/15/EC**

Substance name (component)	Type	Value
chlorobenzene (CAS: 108−90−7)	OEL 8 hours	23 mg/m³
	OEL 8 hours	5 ppm
	OEL 15 minutes	70 mg/m³
	OEL 15 minutes	15 ppm

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. Use personal protective equipment for work.

Eye/face protection



Protective goggles. EN ISO 16321-1 - Eye and face protection for occupational use.

Skin protection



Hand protection: Protective gloves resistant to the product. EN ISO 374-1. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Other protection: protective workwear.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	grey
Odour	after solvents

Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	Extremely flammable aerosol.
Lower and upper explosion limit	data not available
Flash point	<-40 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	non-soluble (in water)
Kinematic viscosity	<20.5 mm²/s at 40 °C
	data not available
ethylbenzene (CAS: 100-41-4)	0.6 mm²/s
chlorobenzene (CAS: 108-90-7)	0.681 mm²/s
Solubility in water	insoluble
Solubility in fats	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	0.812 g/cm³ (Grey)
Relative vapour density	data not available
Particle characteristics	data not available
Form	aerosol dispenser: spray aerosol

9.2. Other information

Evaporation rate	non-applicable
Content of organic solvents (VOC)	81.7 %
VOC limit value	cat. B (e) : 840 g/l
Max. VOC content in the product in its ready to use condition	<839 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Pressurised container: May burst if heated. Extremely flammable aerosol.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

not available

10.6. Hazardous decomposition products

Not developed under normal uses.

SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

2-methoxy-1-methylethyl acetate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Dermal	LD_{50}	OECD 402	>2000 mg/kg bw		Rat	M

acetone						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD_{50}		5800 mg/kg bw		Rat	F
Inhalation	LC_{50}		76 mg/l of air	4 hours	Rat	F

dimethyl ether						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD_{50}		164000 ppm		Rat	M

ethylbenzene						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Inhalation (vapor)	ATE		1.5 mg/l			

chlorobenzene						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD_{50}		2000-4000 mg/kg bw		Rat	
Inhalation (vapor)	ATE		1.5 mg/l			

xylene						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Dermal	LD_{50}		12126 mg/kg bw		Rabbit	M
Dermal	ATE		1100 mg/kg bw			
Inhalation (dust/mist)	ATE		1.5 mg/l			

Skin corrosion/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Serious eye damage/irritation

Causes serious eye irritation. Data for the components of the mixture are not available.

Respiratory or skin sensitisation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

2-methoxypropyl acetate					
Route of exposure	Parameter	Value	Result	Species	Sex
Inhalation			Irritating		

2-methylpropan-1-ol					
Route of exposure	Parameter	Value	Result	Species	Sex
Inhalation			Irritating, Drowsiness, Dizziness		

acetone					
Route of exposure	Parameter	Value	Result	Species	Sex
			Drowsiness, Dizziness		

butanone					
Route of exposure	Parameter	Value	Result	Species	Sex
			Drowsiness, Dizziness		

n-butyl acetate					
Route of exposure	Parameter	Value	Result	Species	Sex
			Drowsiness, Dizziness		

xylene					
Route of exposure	Parameter	Value	Result	Species	Sex
Inhalation			Irritating		

Toxicity for specific target organ - repeated exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

2-methoxy-1-methylethyl acetate							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Oral	NOAEL	OECD 410	>1000 mg/kg bw	90 days		Rabbit	

2-methylpropan-1-ol							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Oral	NOAEL	OECD 408	>1450 mg/kg bw	90 days		Rat	

carbon black							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Inhalation	LOAEC		0.0071 mg/l of air	90 days		Rat	M
Oral	NOAEL	OECD 408	>1000 mg/kg bw	90 days		Rat	
Inhalation	NOAEC		0.0011 mg/l of air	90 days		Rat	M

ethylbenzene							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
					Causes damage		

Petroleum gases, liquefied							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Inhalation (gases)	LOAEC	OECD 422	12000 ppm	90 days		Rat	

xylene							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Oral	LOAEL	OECD 408	150 mg/kg bw	90 days	Causes damage	Rat	M

Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

2-methoxy-1-methylethyl acetate					
Parameter	Value	Exposure time	Species	Environment	Source
LC_{50}	>100 mg/l		Fish (Oryzias latipes)		

2-methoxy-1-methylethyl acetate					
Parameter	Value	Exposure time	Species	Environment	Source
EC_{50}	>500 mg/l		Daphnia (Daphnia magna)		
EC_{50}	>1000 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)		

2-methylpropan-1-ol					
Parameter	Value	Exposure time	Species	Environment	Source
LC_{50}	1430 mg/l		Fish (Pimephales promelas)		
EC_{50}	1100 mg/l		Daphnia (Daphnia pulex)		

butanone					
Parameter	Value	Exposure time	Species	Environment	Source
LC_{50}	2993 mg/l		Fish (Pimephales promelas)		
EC_{50}	308 mg/l		Daphnia (Daphnia magna)		
EC_{50}	1972 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)		
EC_{50}	2029 mg/l	96 hours	Algae (Pseudokirchneriella subcapitata)		

carbon black					
Parameter	Value	Exposure time	Species	Environment	Source
EC_{50}	>10000 mg/l	72 hours	Algae (Desmodesmus subspicatus)		
EC_{50}	>10000 mg/l	72 hours	Algae		

dimethyl ether					
Parameter	Value	Exposure time	Species	Environment	Source
LC_{50}	>4.1 g/l		Fish (Poecilia reticulata)		
EC_{50}	>4.4 g/l		Daphnia (Daphnia magna)		
EC_{50}	154917 mg/l	96 hours	Algae		

chlorobenzene					
Parameter	Value	Exposure time	Species	Environment	Source
EC_{50}	26 mg/l		Daphnia (Daphnia magna)		

n-butyl acetate					
Parameter	Value	Exposure time	Species	Environment	Source
EC_{50}	32 mg/l		Other aquatic organisms (Artemia salina)		
EC_{50}	674.7 mg/l	72 hours	Algae (Desmodesmus subspicatus)		

Petroleum gases, liquefied					
Parameter	Value	Exposure time	Species	Environment	Source
LC_{50}	0.362 mg/l		Fish		
EC_{50}	0.018 mg/l		Crustaceans		
ErC_{50}	7.6 mg/l		Algae		ECOTOX

xylene					
Parameter	Value	Exposure time	Species	Environment	Source
EC_{50}	>3.4 mg/l		Daphnia (Ceriodaphnia dubia)		

Chronic toxicity

2-methoxy-1-methylethyl acetate				
Parameter	Value	Exposure time	Species	Environment
NOEC	≥100 mg/l	21 days	Daphnia (Daphnia magna)	
NOEC	47.5 mg/l	14 days	Fish (Oryzias latipes)	

2-methylpropan-1-ol				
Parameter	Value	Exposure time	Species	Environment
NOEC	20 mg/l	21 days	Daphnia (Daphnia magna)	

acetone				
Parameter	Value	Exposure time	Species	Environment
LOEC	>79 mg/l	21 days	Daphnia (Daphnia magna)	
NOEC	≥79 mg/l	21 days	Daphnia (Daphnia magna)	

chlorobenzene				
Parameter	Value	Exposure time	Species	Environment
NOEC	4.8 mg/l	28 days	Fish (Danio rerio)	

xylene				
Parameter	Value	Exposure time	Species	Environment
LOEC	3.16 mg/l	21 days	Daphnia (Daphnia magna)	
NOEC	>1.3 mg/l	56 days	Fish (Oncorhynchus mykiss)	

12.2. Persistence and degradability

The product is not easily biodegradable.

Biodegradability

2-methoxy-1-methylethyl acetate				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

2-methoxypropyl acetate				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

2-methylpropan-1-ol				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

acetone				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

butanone				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

carbon black				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

dimethyl ether				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

ethylbenzene				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

chlorobenzene				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

kaolin				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

n-butyl acetate				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

Petroleum gases, liquefied				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

titanium dioxide				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

xylene				
Parameter	Value	Exposure time	Environment	Result
				Hardly biodegradable

12.3. Bioaccumulative potential

Data for the mixture are not available.

Petroleum gases, liquefied		
Parameter	Value	Source
Log Pow	≤2.8	IUCLID

12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. HP3 "Flammable". HP7 "Carcinogenic". HP 4 'Irritant — skin irritation and eye damage'.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

16 03 05* organic wastes containing hazardous substances

Packaging waste type code

15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.	
UN number	1950
Classification code	5F
Safety signs	2.1



Road transport - ADR

Special provisions	190, 327, 344, 625
Limited quantities	1 L
Excepted quantities	E0
Packaging	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Tunnel restriction code	(D)
Special provision for	
packages	V14
loading, unloading and handling	CV9, CV12
operation	S2

Railway transport - RID	
Special provisions	190, 327, 344, 625
Packaging	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Special provision for	
packages	W14
loading, unloading and handling	CW9, CW12
Air transport - ICAO/IATA	
Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203
Marine transport - IMDG	
EmS (emergency plan)	F-D, S-U
MFAG	620

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Product contains reportable explosives precursors: Reporting of suspicious transactions, disappearances and thefts according to Regulation (EU) 2019/1148, Article 9. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-methoxypropyl acetate

Restriction	Conditions of restriction
30	1. Shall not be placed on the market, or used, — as substances, — as constituents of other substances, or, — in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: — either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or, — the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows: "Restricted to professional users". 2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC; (c) the following fuels and oil products: — motor fuels which are covered by Directive 98/70/EC, — mineral oil products intended for use as fuel in mobile or fixed combustion plants, — fuels sold in closed systems (e.g. liquid gas bottles); (d) artists' paints covered by Regulation (EC) No 1272/2008; (e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date. (f) devices covered by Regulation (EU) 2017/745.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H312+H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer if inhaled.

H360D	May damage the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H373	May cause damage to hearing organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

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.
P264	Wash exposed parts of the body thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

Acute Tox.	Acute toxicity
ADR	Agreement concerning the international carriage of dangerous goods by road
Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
BCF	Bioconcentration Factor
Carc.	Carcinogenicity
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC_{50}	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Gas	Flammable gas
Flam. Liq.	Flammable liquid
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry

LC_{50}	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD_{50}	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
Press. Gas (Comp.)	Gas under pressure: compressed gas
Press. Gas (Diss.)	Gas under pressure: dissolved gas
Press. Gas (Liq.)	Gas under pressure: liquefied gas
Press. Gas (Ref. Liq.)	Gas under pressure: refrigerated liquefied gas
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.	Reproductive toxicity
RID	Agreement on the transport of dangerous goods by rail
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 4.0 replaces the SDS version from Tuesday, 11 January 2022. Changes were made in sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.