

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 9 (replaces version 8)

Revision: 17.01.2023

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

1.1 Product identifier

Trade name: **Plastic Paint Mid Grey**

Article number: 83797

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

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

Application of the substance / the mixture Coating compound / surface coating / paint

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

KENT (United Kingdom) Ltd

Forsyth House

Pitreavie Drive

Pitreavie Business Park

Dunfermline

Fife

KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

Fax: +44 1383 620079

SDS@kenteurope.com

1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



flame

Aerosol 1 H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.



health hazard

Carc. 2 H351 Suspected of causing cancer.



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02



GHS07



GHS08

Signal word **Danger**

Hazard-determining components of labelling:

4-methylpentan-2-one

Acetone

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Hazard statements

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H319 Causes serious eye irritation.
 H351 Suspected of causing cancer.
 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.
 P280 Wear protective gloves / eye protection.
 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.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.
 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
 Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture of the substances listed below with harmless additions.**Dangerous components:**

CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	Acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	25-50%
CAS: 68476-85-7 EINECS: 270-704-2	Petroleum gases, liquefied (contains less than 0.1 % w/w 1,3-butadiene (EINECS No 203-450-8)). ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	25-50%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-10%
CAS: 108-10-1 EINECS: 203-550-1 Reg.nr.: 01-2119473980-30	4-methylpentan-2-one ⚠ Flam. Liq. 2, H225; ⚠ Carc. 2, H351; ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	<5%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	<5%
CAS: 13463-67-7 EINECS: 236-675-5	Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] substance with a Community workplace exposure limit	<3%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35	Ethylbenzene ⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	<3%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36	2-butoxyethanol ⚠ Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1,200 mg/kg	<3%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066	<3%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335; STOT SE 3, H336	<3%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<3%

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<0.1%

CAS: 556-67-2

EINECS: 209-136-7

Reg.nr.: 01-2119529238-36

octamethylcyclotetrasiloxane

 Flam. Liq. 3, H226;  Repr. 2, H361f;  Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=10)
 PBT; vPvB

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **After inhalation**

Supply fresh air; consult doctor in case of symptoms.

In case of unconsciousness bring patient into stable side position for transport.

· **After skin contact**

Instantly remove any clothing soiled by the product.

If skin irritation continues, consult a doctor.

· **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· **After swallowing**

Rinse out mouth.

In case of persistent symptoms consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents**

Use fire fighting measures that suit the environment.

CO₂, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide and carbon dioxide

· **5.3 Advice for firefighters**

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus.

Wear full protective suit.

· **Additional information**

Cool endangered containers with water spray jet.

Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from ignition sources

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Send for recovery or disposal in suitable containers.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

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Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray on flames or red-hot objects.

7.2 Conditions for safe storage, including any incompatibilities**Storage****Requirements to be met by storerooms and containers:**

Store in cool location.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:**

Protect from heat and direct sunlight.

Store container in a well ventilated position.

<25°C

Storage class 2 B**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Components with limit values that require monitoring at the workplace:****67-64-1 Acetone**WEL Short-term value: 3620 mg/m³, 1500 ppmLong-term value: 1210 mg/m³, 500 ppm**68476-85-7 Petroleum gases, liquefied (contains less than 0.1 % w/w 1,3-butadiene (EINECS No 203-450-8)).**WEL Short-term value: 2180 mg/m³, 1250 ppmLong-term value: 1750 mg/m³, 1000 ppm

Carc (if LPG contains > 0.1% of buta-1.3-diene)

1330-20-7 xyleneWEL Short-term value: 441 mg/m³, 100 ppmLong-term value: 220 mg/m³, 50 ppm

Sk; BMGV

108-10-1 4-methylpentan-2-oneWEL Short-term value: 416 mg/m³, 100 ppmLong-term value: 208 mg/m³, 50 ppm

Sk; BMGV

108-65-6 2-methoxy-1-methylethyl acetateWEL Short-term value: 548 mg/m³, 100 ppmLong-term value: 274 mg/m³, 50 ppm

Sk

13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]WEL Long-term value: 10* 4** mg/m³

*total inhalable **respirable

111-76-2 2-butoxyethanolWEL Short-term value: 246 mg/m³, 50 ppmLong-term value: 123 mg/m³, 25 ppm

Sk; BMGV

123-86-4 n-butyl acetateWEL Short-term value: 966 mg/m³, 200 ppmLong-term value: 724 mg/m³, 150 ppm**Reaction mass of ethylbenzene and xylene**WEL Short-term value: 441 mg/m³, 100 ppmLong-term value: 220 mg/m³, 50 ppm

Sk; BMGV

Regulatory information WEL: EH40/2020**DNELs****67-64-1 Acetone**

Dermal Long term systemic effect 186 mg/kg bw/day (Worker)

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Inhalative	Long term systemic effect	1,210 mg/m ³ (Worker)
	Acute local effect	2,420 mg/m ³ (Worker)
1330-20-7 xylene		
Dermal	Long term local effect	3,182 mg/kg/day (Worker)
Inhalative	Acute local effect	442 mg/m ³ (Worker)
	Long term local effect	221 mg/m ³ (Worker)
108-10-1 4-methylpentan-2-one		
Dermal	Long term systemic effect	11.8 mg/kg/day (Worker)
Inhalative	Long term systemic effect	83 mg/m ³ (Worker)
	Acute local effect	208 mg/m ³ (Worker)
	Long term local effect	83 mg/m ³ (Worker)
	Acute systemic effect	208 mg/m ³ (Worker)
108-65-6 2-methoxy-1-methylethyl acetate		
Dermal	Long term systemic effect	796 mg/kg/day (Worker)
Inhalative	Long term systemic effect	275 mg/m ³ (Worker)
	Long term local effect	550 mg/m ³ (Worker)
100-41-4 Ethylbenzene		
Dermal	Long term systemic effect	180 mg/kg/day (Worker)
Inhalative	Acute local effect	293 mg/m ³ (Worker)
	Long term local effect	77 mg/m ³ (Worker)
111-76-2 2-butoxyethanol		
Dermal	Acute systemic effect	89 mg/kg bw/day (Worker)
	Long term systemic effect	75 mg/kg (Worker)
Inhalative	Long term systemic effect	98 mg/m ³ (Worker)
	Acute local effect	246 mg/m ³ (Worker)
	Acute systemic effect	663 mg/m ³ (Worker)
123-86-4 n-butyl acetate		
Dermal	Acute systemic effect	11 mg/kg bw/day (Worker)
	Long term systemic effect	11 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	300 mg/m ³ (Worker)
	Acute local effect	600 mg/m ³ (Worker)
	Long term local effect	300 mg/m ³ (Worker)
	Acute systemic effect	600 mg/m ³ (Worker)
Hydrocarbons, C9, aromatics		
Dermal	Long term systemic effect	25 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	100 mg/m ³ (Worker)
Reaction mass of ethylbenzene and xylene		
Dermal	Long term systemic effect	180 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	77 mg/m ³ (Worker)
	Acute systemic effect	289 mg/m ³ (Worker)
7631-86-9 Silicon dioxide, chemically prepared		
Inhalative	Long term systemic effect	4 mg/m ³ (Worker)
63449-39-8 Paraffin waxes and Hydrocarbon waxes, chloro		
Dermal	Long term systemic effect	450 mg/kg/day (Worker)
Inhalative	Long term systemic effect	63.5 mg/m ³ (Worker)
556-67-2 octamethylcyclotetrasiloxane		
Dermal	Long term systemic effect	73 (Worker)
Inhalative	Long term systemic effect	73 mg/m ³ (Worker)
	Long term local effect	73 mg/m ³ (Worker)
PNECs		
67-64-1 Acetone		
PNEC	10.6 mg/l (Aqua (freshwater))	
	21 mg/l (Aqua (intermittent))	
	1.06 mg/l (Aqua (marine water))	
	30.4 mg/kg (Freshwater sediment)	

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	3.04 mg/kg (Marine water sediment) 29.5 mg/kg (Soil)
1330-20-7 xylene	
PNEC	0.327 mg/l (Aqua (freshwater)) 0.327 mg/l (Aqua (marine water)) 12.46 mg/l (Freshwater sediment) 12.46 mg/l (Marine water sediment) 6.58 mg/l (Sewage treatment plant) 2.31 mg/kg (Soil)
108-10-1 4-methylpentan-2-one	
PNEC	0.6 mg/l (Aqua (freshwater)) 0.06 mg/l (Aqua (marine water)) 8.27 mg/kg (Freshwater sediment) 0.83 mg/kg (Marine water sediment) 27.5 mg/l (Sewage treatment plant) 1.3 mg/kg (Soil)
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC	0.635 mg/l (Aqua (freshwater)) 1.27 mg/l (Aqua (intermittent)) 0.0127 mg/l (Aqua (marine water)) 26,670 mg/kg (Marine water sediment) 38.3 mg/l (Sewage treatment plant) 53,182 mg/kg (Soil)
13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	
PNEC	0.184 mg/l (Aqua (freshwater)) 0.193 mg/l (Aqua (intermittent)) 0.0184 mg/l (Aqua (marine water)) 1,000 mg/kg (Freshwater sediment) 100 mg/kg (Marine water sediment) 100 mg/l (Sewage treatment plant) 100 mg/kg (Soil)
100-41-4 Ethylbenzene	
PNEC	0.1 mg/l (Aqua (freshwater)) 0.1 mg/l (Aqua (intermittent)) 0.1 mg/l (Aqua (marine water))
123-86-4 n-butyl acetate	
PNEC	0.18 mg/l (Aqua (freshwater)) 0.36 mg/ml (Aqua (intermittent)) 0.018 mg/ml (Aqua (marine water)) 0.981 mg/kg (Freshwater sediment) 0.0981 mg/kg (Marine water sediment) 35.6 mg/l (Sewage treatment plant) 0.09 mg/kg (Soil)
Reaction mass of ethylbenzene and xylene	
PNEC	0.327 mg/l (Aqua (freshwater)) 0.327 mg/l (Aqua (marine water)) 12.46 mg/l (Freshwater sediment) 12.46 mg/l (Marine water sediment) 6.58 mg/l (Sewage treatment plant) 2.31 (Soil)
63449-39-8 Paraffin waxes and Hydrocarbon waxes, chloro	
PNEC	0.003 mg/l (Aqua (freshwater)) 0.001 mg/l (Aqua (marine water)) 60 mg/l (Sewage treatment plant) 4,640 mg/kg (Soil)

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556-67-2 octamethylcyclotetrasiloxane

PNEC 0.0015 mg/l (Aqua (freshwater))
 3 mg/kg (Freshwater sediment)
 0.3 mg/kg (Marine water sediment)
 10 mg/l (Sewage treatment plant)
 0.54 mg/kg (Soil)

Ingredients with biological limit values:**1330-20-7 xylene**

BMGV 650 mmol/mol creatinine
 Medium: urine
 Sampling time: post shift
 Parameter: methyl hippuric acid

108-10-1 4-methylpentan-2-one

BMGV 20 µmol/L
 Medium: urine
 Sampling time: post shift
 Parameter: 4-methylpentan-2-one

111-76-2 2-butoxyethanol

BMGV 240 mmol/mol creatinine
 Medium: urine
 Sampling time: post shift
 Parameter: butoxyacetic acid

Reaction mass of ethylbenzene and xylene

BMGV 650 mmol/mol creatinine
 Medium: urine
 Sampling time: post shift
 Parameter: methyl hippuric acid

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.
 Take off immediately all contaminated clothing
 Wash hands during breaks and at the end of the work.
 Avoid contact with the eyes and skin.

Breathing equipment:

Only during spraying without adequate removal by suction.
 Filter AX / P (EN 14387)

Hand protection

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Wear suitable gloves tested to EN 374
 Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Value for the permeation: Level 6 > 480 minutes

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye/face protection

Safety glasses (EN 166)

· Body protection: Protective work clothing (EN-13034/6)**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information**

· Physical state	Aerosol
· Colour:	Grey
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	Not applicable, as aerosol
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	Not applicable, as aerosol
· Decomposition temperature:	Not determined.
· pH	Mixture is non-soluble (in water).
· Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic:	Not determined.
· Solubility	
· Water:	Not miscible / difficult to mix
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C	0.721 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information

· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	636 g/l VOC
· Change in condition	
· Evaporation rate	Not applicable.

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void

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· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
Stable at ambient temperature
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** Heat. Hot surfaces. Sources of ignition. Flames.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

67-64-1 Acetone		
Oral	LD50	5,800 mg/kg (Rat)
Dermal	LD50	20,000 mg/kg (Rabbit)
1330-20-7 xylene		
Oral	LD50	4,300 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (Rabbit)
108-10-1 4-methylpentan-2-one		
Oral	LD50	2,100 mg/kg (Rat)
Dermal	LD50	16,000 mg/kg (Rabbit)
108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	8,500 mg/kg (Rat)
13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]		
Oral	LD50	>20,000 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (rbt)
	ErC 50	61 mg/l (Algae) (EPA 600/9-78-018, 72 hr)
100-41-4 Ethylbenzene		
Oral	LD50	3,500 mg/kg (Rat)
Dermal	LD50	5,000 mg/kg (Rabbit)
111-76-2 2-butoxyethanol		
Oral	LD50	1,200 mg/kg (ATE)
		1,480 mg/kg (Rat)
Dermal	LD50	400 mg/kg (Rabbit)
Inhalative	LC50 (4 hr)	2.17 mg/l (Rat)
123-86-4 n-butyl acetate		
Oral	LD50	14,000 mg/kg (Rat)
Hydrocarbons, C9, aromatics		
Oral	LD50	>2,000-≤5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
Reaction mass of ethylbenzene and xylene		
Oral	LD50	>5,840 mg/kg (Rat)

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Dermal	LD50	>2,920 mg/kg (Rabbit)
Inhalative	LC50 (4 hr)	>25 mg/l (Rat)
7631-86-9 Silicon dioxide, chemically prepared		
Oral	LD50	10,000 mg/kg (Rat)
556-67-2 octamethylcyclotetrasiloxane		
Oral	LD50	4,800 mg/kg (Rat) (OCSE 401)
Dermal	LD50	>2,400 mg/kg (Rat) (OECD TG 402)
Inhalative	LC50 (4 hr)	36 mg/l (Rat) (OECD TG 403)
<ul style="list-style-type: none"> · Serious eye damage/irritation Causes serious eye irritation. · Carcinogenicity Suspected of causing cancer. · STOT-single exposure May cause drowsiness or dizziness. · 11.2 Information on other hazards 		
Endocrine disrupting properties		
556-67-2	octamethylcyclotetrasiloxane	List II, III

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

67-64-1 Acetone	
EC50	61,150 mg/l (Activated sludge) (30 mins)
EC50 (48 hr)	39 mg/l (Daphnia magna)
LC50 (96 hr)	8,300 mg/l (Fish)
	5,540 mg/l (Oncorhynchus mykiss)
NOEC (28 days)	2,212 mg/l (Daphnia magna)
68476-85-7 Petroleum gases, liquefied (contains less than 0.1 % w/w 1,3-butadiene (EINECS No 203-450-8)).	
EC50 (96 hr)	12.32 mg/l (Algae) ((Q)SAR calculation method)
LC50 (48 hr)	69.43 mg/l (Daphnia magna) ((Q)SAR calculation method)
LC50 (96 hr)	49.47 mg/l (Fish) ((Q)SAR calculation method)
1330-20-7 xylene	
CE50	10 mg/l (Fish) (72h)
EC50 (48 hr)	7.4 mg/l (Daphnia magna)
LC50 (96 hr)	3.77-13.5 mg/l (Fish)
108-10-1 4-methylpentan-2-one	
EC50 (48 hr)	>200 mg/l (Crustacea)
LC50 (96 hr)	>179 mg/l (Fish)
108-65-6 2-methoxy-1-methylethyl acetate	
EC50 (48 hr)	>100 mg/l (Crustacea)
EC50 (72 hr)	>100 mg/l (Algae)
LC50 (96 hr)	>100 mg/l (Fish)
NOEC	100 mg/l (Crustacea)
	>10 mg/l (Fish)
13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	
LC50 (48 hr)	5.5 mg/l (Crustacea)
LC50 (96 hr)	>100 mg/l (Oncorhynchus mykiss) (= OECD 203)
100-41-4 Ethylbenzene	
EC50	>100 mg/l (Daphnia magna)
LC50 (96 hr)	>10 mg/l (Fish)
111-76-2 2-butoxyethanol	
EC50 (72 hr)	1,840 mg/l (Algae) (OECD 201)
LC50 (24 hr)	1,815 mg/l (Daphnia magna) (DIN 38412 / part 11)
LC50	297 µg/l (Daphnia magna) (21 days OECD 211)
LC50 (48 hr)	1.55 mg/l (Daphnia magna)
LC50 (72 hr)	1,840 mg/l (Algae) (OECD 201)
	1.84 mg/l (Pseudokirchneriella subcapitata)

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LC50 (96 hr)	1,490 mg/l (Lepomis macrochirus) 1,474 mg/l (Oncorhynchus mykiss) (OECD 203)
123-86-4 n-butyl acetate	
EC50 (48 hr)	44 mg/l (Daphnia magna)
EC50 (72 hr)	674.7 mg/l (Desmodesmus subspicatus)
LC50 (48 hr)	44 mg/l (Daphnia magna)
LC50 (96 hr)	18 mg/l (Pimephales promelas)
NOEC (72 hr)	200 mg/l (Desmodesmus subspicatus)
Hydrocarbons, C9, aromatics	
EL50 (48 hr)	3.2 mg/l (Daphnia magna)
LL50 (96 hr)	9.2 mg/l (Oncorhynchus mykiss)
NOEC (72 hr)	1 mg/l (Pseudokirchneriella subcapitata)
Reaction mass of ethylbenzene and xylene	
EC50 (48 hr)	3.2-9.5 mg/l (Daphnia magna)
LC50 (96 hr)	8.9-16.4 mg/l (Pimephales promelas)
NOEC (72 hr)	0.44 mg/l (Algae)
NOEC	1.3 mg/l (Fish)
NOEC (7 days)	0.96 mg/l (Daphnia magna)
556-67-2 octamethylcyclotetrasiloxane	
LC50	10 ug/l /(14 days) (Fish)
NOEC	0.0044 mg/l /(4 days) (Algae) 0.0044 mg/l /(14 days) (Fish)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
- Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
- Do not allow product to reach ground water, water bodies or sewage system.
- Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** UN1950
- **14.2 UN proper shipping name**
- **ADR** 1950 AEROSOLS
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable

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14.3 Transport hazard class(es)

· ADR



· Class 2 5F Gases.
· Label 2.1

· IMDG, IATA



· Class 2.1 Gases.
· Label 2.1

14.4 Packing group

· ADR, IMDG, IATA Void

14.5 Environmental hazards:

· Marine pollutant: No

14.6 Special precautions for user

· EMS Number: Warning: Gases.
F-D, S-U
SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A.
For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Stowage Code SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Transport/Additional information:

· ADR

· Limited quantities (LQ) 1L
· Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity
· Transport category 2
· Tunnel restriction code D

· IMDG

· Limited quantities (LQ) 1L
· Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

· UN "Model Regulation": UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P3a FLAMMABLE AEROSOLS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

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· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t· **National regulations**· **Technical instructions (air):**

Class	Share in %
NK	42.6

· **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H361f Suspected of damaging fertility.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing data specification sheet:** Environment protection department· **Abbreviations and acronyms:**

- RID: (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ICAO: International Civil Aviation Organisation
- ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (UK REACH)
- PNEC: Predicted No-Effect Concentration (UK REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Gas 1A: Flammable gases – Category 1A
- Aerosol 1: Aerosols – Category 1
- : Aerosols – Category 3
- Press. Gas (Comp.): Gases under pressure – Compressed gas
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Carc. 2: Carcinogenicity – Category 2
- Repr. 2: Reproductive toxicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· **Data compared to the previous version altered.** *