

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

Printing date 23.01.2023

Version number 8 (replaces version 7)

Revision: 19.01.2023

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

#### 1.1 Product identifier

Trade name: **Soft Surface Cleaner ES**

Article number: 86785

**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 Cleaner solvent

#### 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.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2

H315 Causes skin 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



GHS09

Signal word *Danger*

#### Hazard-determining components of labelling:

Hydrocarbons, C7, n-alkanes isoalkanes, cyclic

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

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

Propan-2-ol

**Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

**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.

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

**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:**

EC number: 927-510-4 Reg.nr.: 01-2119475515-33	Hydrocarbons, C7, n-alkanes isoalkanes, cyclic Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	25-50%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336	10-25%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	Ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319	10-25%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	butane, pure Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-15%
EC number: 931-254-9 Reg.nr.: 01-2119484651-34	Hydrocarbons, C6, isoalkanes, <5% n-hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	5-15%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	Propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	<5%
CAS: 109-87-5 EINECS: 203-714-2 Reg.nr.: 01-2119664781-31	dimethoxymethane Flam. Liq. 2, H225	<5%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21	Propane liquefied Flam. Gas 1A, H220; Press. Gas (Comp.), H280	<3%
CAS: 124-38-9 EINECS: 204-696-9	Carbon dioxide substance with a Community workplace exposure limit	<3%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44	n-hexane Flam. Liq. 2, H225; Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336 Specific concentration limit: STOT RE 2; H373: C ≥ 5 %	<1%
CAS: 110-82-7 EINECS: 203-806-2 Reg.nr.: 01-2119463273-41	cyclohexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT SE 3, H336	<0.5%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	Butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	<0.25%

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### Regulation (EC) No 648/2004 on detergents / Labelling for contents

Aliphatic hydrocarbons

≥30%

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

#### After skin contact

Instantly wash with water and soap and rinse thoroughly.

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.

CO<sub>2</sub>, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents** Water with a full water jet.

### 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.

Inform respective authorities in case product reaches water or sewage system.

### 6.3 Methods and material for containment and cleaning up:

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 ventilation/exhaustion at the workplace.

### Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

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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:**

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

**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:****64-17-5 Ethanol**WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm**106-97-8 butane, pure**WEL Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm  
Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm  
Carc (if more than 0.1% of buta-1.3-diene)**67-63-0 Propan-2-ol**WEL Short-term value: 1250 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 999 mg/m<sup>3</sup>, 400 ppm**109-87-5 dimethoxymethane**WEL Short-term value: 3950 mg/m<sup>3</sup>, 1250 ppm  
Long-term value: 3160 mg/m<sup>3</sup>, 1000 ppm**124-38-9 Carbon dioxide**WEL Short-term value: 27400 mg/m<sup>3</sup>, 15000 ppm  
Long-term value: 9150 mg/m<sup>3</sup>, 5000 ppm**110-54-3 n-hexane**WEL Long-term value: 72 mg/m<sup>3</sup>, 20 ppm**110-82-7 cyclohexane**WEL Short-term value: 1050 mg/m<sup>3</sup>, 300 ppm  
Long-term value: 350 mg/m<sup>3</sup>, 100 ppm**78-93-3 Butanone**WEL Short-term value: 899 mg/m<sup>3</sup>, 300 ppm  
Long-term value: 600 mg/m<sup>3</sup>, 200 ppm  
Sk, BMGV**Regulatory information** WEL: EH40/2020**DNELs****Hydrocarbons, C7, n-alkanes isoalkanes, cyclic**

Oral	Long term systemic effect	149 mg/kg bw/day (Consumer)
Dermal	Long term systemic effect	149 mg/kg/day (Consumer)
		300 mg/kg/day (Worker)
Inhalative	Long term systemic effect	447 mg/m <sup>3</sup> (Consumer)
		2,085 mg/m <sup>3</sup> (Worker)

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

Dermal	Long term systemic effect	208 mg/kg bw/dy (Worker)
Inhalative	Long term systemic effect	871 mg/m <sup>3</sup> (Worker)

**64-17-5 Ethanol**

Dermal	Long term local effect	343 mg/kg/day (Worker)
Inhalative	Long term local effect	950 mg/m <sup>3</sup> (Worker)

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	Acute systemic effect	1,900 mg/m <sup>3</sup> (Worker)
<b>Hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</b>		
Dermal	Long term systemic effect	13,694 mg/kg bw/d (Worker)
Inhalative	Long term systemic effect	5,306 mg/m <sup>3</sup> (Worker)
<b>67-63-0 Propan-2-ol</b>		
Oral	Long term systemic effect	26 mg/kg/day (Consumer)
Dermal	Long term systemic effect	319 mg/kg/day (Consumer)
		888 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	89 mg/m <sup>3</sup> (Consumer)
		500 mg/m <sup>3</sup> (Worker)
<b>78-93-3 Butanone</b>		
Dermal	Long term systemic effect	1,161 mg/kg bw/dy (Worker)
Inhalative	Long term systemic effect	600 mg/m <sup>3</sup> (Worker)
<b>· PNECs</b>		
<b>64-17-5 Ethanol</b>		
PNEC	0.96 mg/l (Aqua (freshwater))	
	0.79 mg/l (Aqua (marine water))	
	0.62 mg/kg (Soil)	
<b>67-63-0 Propan-2-ol</b>		
PNEC	140.9 mg/l (Aqua (freshwater))	
	140.9 mg/l (Aqua (intermittent))	
	140.9 mg/l (Aqua (marine water))	
	552 mg/kg (Freshwater sediment)	
	552 mg/kg (Marine water sediment)	
	2,251 mg/l (Sewage treatment plant) (Assessment factor 1)	
	28 mg/kg (Soil)	
<b>· Ingredients with biological limit values:</b>		
<b>78-93-3 Butanone</b>		
BMGV	70 µmol/L	
	Medium: urine	
	Sampling time: post shift	
	Parameter: butan-2-one	

· **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 skin.  
Avoid contact with the eyes and skin.
- **Breathing equipment:**  
Only during spraying without adequate removal by suction.  
Short term filter device: filter AX
- **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  
Recommended thickness of the material:  $\geq 0.4$  mm  
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.

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- **Penetration time of glove material**

Value for the permeation: Level 6 &gt; 480 minutes

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

- **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**

· <b>Physical state</b>	Aerosol
· <b>Colour:</b>	Colourless
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Not determined
· <b>Boiling point or initial boiling point and boiling range</b>	Not applicable, as aerosol
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	0.6 Vol % (hydrocarbons)
· <b>Upper:</b>	15 Vol % (ethanol)
· <b>Flash point:</b>	Not applicable, as aerosol
· <b>Ignition temperature:</b>	235 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Mixture is non-soluble (in water).
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible / difficult to mix
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density</b>	Not determined
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

- **9.2 Other information**

· <b>Appearance:</b>	
· <b>Form:</b>	Aerosol
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Not determined.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	699 g/l VOC
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not applicable.

- **Information with regard to physical hazard classes**

· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Extremely flammable aerosol. Pressurised container: May burst if heated.
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void

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· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· 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.
- **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:**  
Formation of toxic gases is possible during heating or in case of fire.  
Carbon monoxide and carbon dioxide

### 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:**

Hydrocarbons, C7, n-alkanes isoalkanes, cyclic		
Inhalative	LC50 (4 hr)	>23 mg/l (Rat)
	IC50	<10 (Algae)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>3,000 mg/kg (Rabbit)
64-17-5 Ethanol		
Oral	LD50	7,060 mg/kg (Rat)
Inhalative	LC50 (4 hr)	117-125 mg/l (Rat)
106-97-8 butane, pure		
Inhalative	LC50 (4 hr)	658 mg/l (Rat)
	ErC 50	19.37 mg/l (Algae) (96 hr)
Hydrocarbons, C6, isoalkanes, <5% n-hexane		
Dermal	LD50	>3,350 mg/kg (Rabbit)
	ErC 50	30 mg/l (Algae)
67-63-0 Propan-2-ol		
Oral	LD50	5,840 mg/kg (Rat)
Dermal	LD50	13,400 mg/kg (Rabbit)
74-98-6 Propane liquefied		
	ErC 50	19.37 mg/l (Algae) (96 hr)
75-28-5 Isobutane		
	ErC 50	19.37 mg/l (Algae)
110-82-7 cyclohexane		
Oral	LD50	12,705 mg/kg (Rat)
Inhalative	LC50 (4 hr)	89,600 mg/l (Rabbit)
78-93-3 Butanone		
Oral	LD50	3,300 mg/kg (Rat)

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Dermal LD50 5,000 mg/kg (Rabbit)

- **Skin corrosion/irritation** Causes skin irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.

### · 11.2 Information on other hazards

#### · Endocrine disrupting properties

78-93-3 Butanone

List II

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

##### Hydrocarbons, C7, n-alkanes isoalkanes, cyclic

EC50 (48 hr)	3 mg/l (Daphnia magna)
LC50 (96 hr)	<10 mg/l (Fish)
	>13.4 mg/l (Oncorhynchus mykiss)
NOEC	1.53 mg/l (Oncorhynchus mykiss) (28 days)
NOEC (21 days)	1 mg/l (Daphnia magna)

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

EL50 (72 hr)	>1,000 mg/l (Pseudokirchneriella subcapitata)
ELO (48 hr)	1,000 mg/l (Daphnia magna)
LL50 (96 hr)	>1,000 mg/l (Oncorhynchus mykiss)
NOELR	100 mg/l (Pseudokirchneriella subcapitata) (72 hrs)

##### 64-17-5 Ethanol

EC50 (24 hr)	>100 mg/l (Daphnia magna)
LC50 (96 hr)	1,030 mg/l (Fish)

##### 106-97-8 butane, pure

EC50 (48 hr)	69.43 mg/l (Daphnia magna)
LC50 (96 hr)	49.9 mg/l (Fish)

##### Hydrocarbons, C6, isoalkanes, <5% n-hexane

EbL50	2.6 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
EC50	3.87 mg/l (Daphnia magna)
EL50 (48 hr)	31.9 mg/l (Daphnia magna) (OECD 202)
LC50	>1,000 ug/l (Fish)
LL50 (96 hr)	18.27 mg/l (Oncorhynchus mykiss) (OECD 203)
NOEC (21 days)	7.1381 mg/l (Daphnia magna) (QSAR)
NOELR	4.089 mg/l (Oncorhynchus mykiss) (QSAR 28 days)
	30 mg/l (Pseudokirchneriella subcapitata) (OECD 201)

##### 67-63-0 Propan-2-ol

EC50 (48 hr)	13,299 mg/l (Daphnia magna)
LC50 (24 hr)	9,714 mg/l (Daphnia magna)
LC50 (96 hr)	4,200 mg/l (FSH) (dynamic)
	9,640 mg/l (Pimephales promelas)
LOEC (8 days)	1,000 mg/l (Algae)

##### 74-98-6 Propane liquefied

EC50 (48 hr)	69.43 mg/l (Daphnia magna)
LC50 (96 hr)	49.9 mg/l (Fish)

##### 75-28-5 Isobutane

EC50 (48 hr)	69.43 mg/l (Daphnia magna)
LC50 (96 hr)	91.42 mg/l (Fish)

##### 78-93-3 Butanone

EC50 (48 hr)	308 mg/l (Daphnia magna)
LC50 (96 hr)	2,993 mg/l (Pimephales promelas)

- **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.

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### 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

- **Remark:** Toxic for fish

- **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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

## 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, ENVIRONMENTALLY HAZARDOUS
- **IMDG** AEROSOLS (Hydrocarbons, C7, n-alkanes isoalkanes, cyclic, Hydrocarbons, C6, isoalkanes, <5% n-hexane), MARINE POLLUTANT
- **IATA** AEROSOLS

### 14.3 Transport hazard class(es)

- **ADR**



- **Class** 2 5F Gases.
- **Label** 2.1

- **IMDG**



- **Class** 2 Gases.
- **Label** 2.1

- **IATA**



- **Class** 2 Gases.
- **Label** 2.1

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· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b> · <b>Special marking (ADR):</b>	Product contains environmentally hazardous substances: Hydrocarbons, C7, n-alkanes isoalkanes, cyclic Symbol (fish and tree) Symbol (fish and tree)
· <b>14.6 Special precautions for user</b> · <b>Kemler Number:</b> · <b>EMS Number:</b> · <b>Stowage Code</b>  · <b>Segregation Code</b>	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. 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.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>  · <b>Transport category</b> · <b>Tunnel restriction code</b>	1L Code: E0 Not permitted as Excepted Quantity 2 D
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	1L Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

## 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  
E2 Hazardous to the Aquatic Environment
  - **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
  - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
  - **National regulations**
  - **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| I     | 0.8        |
| NK    | 36.1       |
- **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.

GB  
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# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 8 (replaces version 7)

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### 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.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 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  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – 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.** \*