

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 14 (replaces version 13)

Revision: 18.01.2023

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

1.1 Product identifier

· **Trade name:** Soft Surface Cleaner

· **Article number:** 85709

· **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

Flam. Liq. 2

H225 Highly flammable liquid and vapour.



health hazard

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



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.
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Hazard pictograms

GHS02 GHS07 GHS08 GHS09

Signal word Danger**Hazard-determining components of labelling:**

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics
 Propan-2-ol

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

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.

P261 Avoid breathing vapours.

P280 Wear protective gloves / eye protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

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: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; 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	10-25%
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	5-15%
CAS: 109-87-5 EINECS: 203-714-2 Reg.nr.: 01-2119664781-31	dimethoxymethane Flam. Liq. 2, H225	5-15%

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** Supply fresh air; consult doctor in case of symptoms.

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· 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** Do not induce vomiting; instantly call for medical help.**· 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 CO₂, 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.

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

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow to enter drainage system, surface or ground water.

Prevent material from reaching sewage system, holes and cellars.

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

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

Prevent formation of dust.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities**Storage**

Requirements to be met by storerooms and containers: Store in cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

· Storage class 3

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· 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 EthanolWEL Long-term value: 1920 mg/m³, 1000 ppm**67-63-0 Propan-2-ol**WEL Short-term value: 1250 mg/m³, 500 ppm
Long-term value: 999 mg/m³, 400 ppm**109-87-5 dimethoxymethane**WEL Short-term value: 3950 mg/m³, 1250 ppm
Long-term value: 3160 mg/m³, 1000 ppm

· Regulatory information WEL: EH40/2020

DNELs**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics**

Dermal	Long term systemic effect	773 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	2,035 mg/m ³ (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 ³ (Worker)

64-17-5 Ethanol

Dermal	Long term local effect	343 mg/kg/day (Worker)
Inhalative	Long term local effect	950 mg/m ³ (Worker)
	Acute systemic effect	1,900 mg/m ³ (Worker)

67-63-0 Propan-2-ol

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 ³ (Consumer)
		500 mg/m ³ (Worker)

PNECs**64-17-5 Ethanol**

PNEC	0.96 mg/l (Aqua (freshwater))
	0.79 mg/l (Aqua (marine water))
	0.62 mg/kg (Soil)

67-63-0 Propan-2-ol

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)

· 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.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

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Breathing equipment:

Use breathing protection in case of insufficient ventilation.
Filter A2 / P2 (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.

Eye/face protection

Tightly sealed 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**

Fluid

Colour:

Colourless

Odour:

Characteristic

Odour threshold:

Not determined.

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range

42 °C

Flammability

Highly flammable.

Lower and upper explosion limit

0.6 Vol %

Lower:

19.9 Vol %

Upper:

-18 °C

Flash point:

200 °C

Ignition temperature:

Not determined.

Decomposition temperature:

Mixture is non-soluble (in water).

pH

Not determined.

Viscosity:

Not determined.

Kinematic viscosity

Not determined.

dynamic:

Not determined.

Solubility

Not miscible / difficult to mix

Water:

Not determined.

Partition coefficient n-octanol/water (log value)

440 hPa

Vapour pressure at 20 °C:

0.762 g/cm³

Density and/or relative density

Not determined.

Density at 20 °C

Not determined.

Relative density

Not determined.

Vapour density

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9.2 Other information**Appearance:**

Fluid

Form:

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· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· Solvent content:	
· Organic solvents:	762g/l VOC
· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Highly flammable liquid and vapour.
· Flammable solids	Void
· 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** Forms explosive gas mixture with air
- **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

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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-C9, n-alkanes, isoalkanes, cyclics

Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,800 mg/kg (Rabbit)
Inhalative	LC50 (4 hr)	23.3 mg/l (Rat)

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)

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67-63-0 Propan-2-ol		
Oral	LD50	5,840 mg/kg (Rat)
Dermal	LD50	13,400 mg/kg (Rabbit)

- **Serious eye damage/irritation** Causes serious eye irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **Aspiration hazard** May be fatal if swallowed and enters airways.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

EC50 (48 hr)	3 mg/l (Daphnia magna)
EL50 (72 hr)	10-30 mg/l (Pseudokirchneriella subcapitata)
LL50 (96 hr)	>13.4 mg/l (Oncorhynchus mykiss)
LOEC (21 days)	0.32 mg/l (Daphnia magna)
NOEC (21 days)	0.17 mg/l (Daphnia magna)
NOELR	10 mg/l (Pseudokirchneriella subcapitata) (72 hr)

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)

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)

· **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** The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

Danger to drinking water if even extremely 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.

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- **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

UN1993

· 14.2 UN proper shipping name

- ADR

1993 FLAMMABLE LIQUID, N.O.S., special provision 640D
(METHYLAL), ENVIRONMENTALLY HAZARDOUS

- IMDG

FLAMMABLE LIQUID, N.O.S. (METHYLAL), MARINE POLLUTANT
FLAMMABLE LIQUID, N.O.S. (METHYLAL)

· 14.3 Transport hazard class(es)

- ADR



- Class
· Label

3 (F1) Flammable liquids.

3

- IMDG



- Class
· Label

3 Flammable liquids.

3

- IATA



- Class
· Label

3 Flammable liquids.

3

· 14.4 Packing group

- ADR, IMDG, IATA

II

· 14.5 Environmental hazards:

- Marine pollutant:

Yes

Symbol (fish and tree)

- Special marking (ADR):

Symbol (fish and tree)

· 14.6 Special precautions for user

Warning: Flammable liquids.

- Kemler Number:

33

- EMS Number:

F-E, S-E

- Stowage Category

B

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

· Transport/Additional information:

- ADR

1L

- Limited quantities (LQ)

Code: E2

- Excepted quantities (EQ)

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

- Transport category

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· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S., SPECIAL PROVISION 640D (METHYLAL), 3, II, 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**

E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **National regulations**

· **Technical instructions (air):**

Class	Share in %
NK	28.1

· **Water hazard class:** Water danger class 3 (Self-assessment): extremely 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**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· **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. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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

GB