

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

Printing date 23.01.2023

Version number 10 (replaces version 9)

Revision: 13.01.2023

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

#### 1.1 Product identifier

Trade name: Citrus Floor Cleaner

Article number: 86459

#### 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 *Cleaning material/ Detergent*

#### 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



Eye Irrit. 2 H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

#### 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



GHS07

Signal word *Warning*

#### Hazard statements

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear eye protection / face 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.

P337+P313 If eye irritation persists: Get medical advice/attention.

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.

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· **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: 97489-15-1 EC number: 307-055-2 Reg.nr.: 01-2119489924-20	Sulfonic acids, C14-17-sec-alkane, sodium salts ☠ Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 10 % Eye Dam. 1; H318: C ≥ 15 % Eye Irrit. 2; H319: 15 % ≤ C < 15 %	5-10%
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	<3%
CAS: 6505-30-2 EINECS: 229-390-2	hydrogen [4-[[4-(diethylamino)phenyl][4-[ethyl[(3-sulphonatobenzyl)amino]-otolyl]methylene]-3methylcyclohexa- 2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium,sodium salt ☠ Aquatic Chronic 1, H410; ☠ Eye Irrit. 2, H319	<1%
CAS: 9043-30-5 NLP: 500-027-2	Iso tri decanol ethoxylate ☠ Eye Dam. 1, H318; ☠ Acute Tox. 4, H302	<3%

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

Anionic surfactants	≥5 - <15%
preservation agents (Phenoxyethanol, LAURYLAMINE DIPROPYLENEDIAMINE, 2-BUTYL-1,2-BENZOTHAZOL-3-ONE), Non-ionic surfactants, Perfumes, Soap	<5%

· **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

· **General information** Instantly remove any clothing soiled by the product.· **After inhalation** Supply fresh air; consult doctor in case of symptoms.· **After skin contact** Instantly rinse with water.· **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

#### After swallowing

Rinse out mouth.

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** Use fire fighting measures that suit the environment.

#### 5.2 Special hazards arising from the substance or mixture

Carbon monoxide and carbon dioxide

Sulphur oxides (SOx)

#### 5.3 Advice for firefighters

· **Protective equipment:** Put on breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

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.

Do not allow product to reach sewage system or water bodies.

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

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

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

### 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

Avoid contact with the eyes and skin.

Prevent formation of aerosols.

**Information about protection against explosions and fires:** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

**Requirements to be met by storerooms and containers:** No special requirements.

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

#### Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

Store container in a well ventilated position.

**Storage class** 6.1 D

**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:**

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

WEL Short-term value: 1250 mg/m<sup>3</sup>, 500 ppmLong-term value: 999 mg/m<sup>3</sup>, 400 ppm

**Regulatory information** WEL: EH40/2020

#### DNELs

##### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

Dermal Acute systemic effect 2.8 mg/kg bw/day (Worker)

Long term local effect 2.8 mg/cm<sup>2</sup> (Worker)

Long term systemic effect 5 mg/kg bw/dy (Worker)

Inhalative Long term systemic effect 35 mg/m<sup>3</sup> (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<sup>3</sup> (Consumer)500 mg/m<sup>3</sup> (Worker)

#### PNECs

##### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

PNEC 0.06 mg/l (Aqua (freshwater))

0.06 mg/l (Aqua (intermittent))

0.006 mg/l (Aqua (marine water))

9.4 mg/kg (Freshwater sediment)

0.94 mg/kg (Marine water sediment)

600 mg/l (Sewage treatment plant)

9.4 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))

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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** Wash hands during breaks and at the end of the work.
- **Breathing equipment:**  
Not necessary if room is well-ventilated.  
Filter A / 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.  
 Gloves must conform to standard EN 374.

### · Material of gloves

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

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)

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

- |   |                                 |
|---|---------------------------------|
| · <b>Physical state</b>   | Fluid                           |
| · <b>Colour:</b>  | Light green                     |
| · <b>Odour:</b>   | Light                           |
| · <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> | 100 °C                          |
| · <b>Flammability</b>   | Not applicable.                 |
| · <b>Lower and upper explosion limit</b>                          |                                 |
| · <b>Lower:</b>   | Not determined.                 |
| · <b>Upper:</b>   | Not determined.                 |
| · <b>Flash point:</b>   | Not applicable                  |
| · <b>Decomposition temperature:</b>                               | Not determined.                 |
| · <b>pH at 20 °C</b>  | 7                               |
| · <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 at 20 °C:</b>                                | ~23 hPa                         |
| · <b>Density and/or relative density</b>                          |                                 |
| · <b>Density at 20 °C</b>   | 1 g/cm <sup>3</sup>             |
| · <b>Relative density</b>   | Not determined.                 |

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· <b>Vapour density</b>	Not determined.
· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <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>	Product is not explosive.
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	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** No further relevant information available.
- **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:**

97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts		
Oral	LD50	500-2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Mouse)
	ErC 50	>61 mg/l (Desmodemus subspicatus)
67-63-0 Propan-2-ol		
Oral	LD50	5,840 mg/kg (Rat)
Dermal	LD50	13,400 mg/kg (Rabbit)
6505-30-2 hydrogen [4-[[4-(diethylamino)phenyl][4-[ethyl[(3-sulphonatobenzyl)amino]-otolyl]methylene]-3methylcyclohexa- 2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium,sodium salt		
Oral	LD50	>2.5 mg/kg (Rat)

- **Serious eye damage/irritation** Causes serious eye irritation.

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### 11.2 Information on other hazards

#### Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

##### 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

EC50 (48 hr)	9.81 mg/l (Daphnia magna) (OECD 202)
LC50 (96 hr)	1-10 mg/l (Danio rerio (Zebra fish; semistatic)) (OECD 203)
NOEC	0.85 mg/l (Oncorhynchus mykiss) (OECD Guideline 204 ECHA Dossier: 26 May 2014) 600 mg/l (Pseudomonas Putida) (DIN 38412 T.8)

##### 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)

##### 6505-30-2 hydrogen [4-[[4-(diethylamino)phenyl][4-[ethyl[(3-sulphonatobenzyl)amino]-otolyl]methylene]-3methylcyclohexa-2,5-dien-1-ylidene]ethyl)(3-sulphonatobenzyl)ammonium,sodium salt

EC50 (96 hr)	>100 mg/l (Danio rerio (Zebra fish; semistatic))
EC50 (48 hr)	>100 mg/l (Daphnia magna)

### 12.2 Persistence and degradability

The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.

### 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:** Harmful to 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.

Harmful to 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** Void

### 14.2 UN proper shipping name

**ADR, IMDG, IATA** Void

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**14.3 Transport hazard class(es)**

· ADR, IMDG, IATA



· Class Void

**14.4 Packing group**

· ADR, IMDG, IATA Void

· 14.5 Environmental hazards: Not applicable.

· 14.6 Special precautions for user Not applicable.

· 14.7 Maritime transport in bulk according to IMO instruments Not applicable.

· Transport/Additional information: Not dangerous according to the above specifications.

· UN "Model Regulation": Void

**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.

· National regulations

· Technical instructions (air):

Class	Share in %
NK	1.0

· 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**

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

· Department issuing data specification sheet: Environment protection department

**Abbreviations and acronyms:**

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

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

GB