

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

Printing date 08.03.2022

Version number 4

Revision: 11.02.2022

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

#### 1.1 Product identifier

Trade name: **New All Purpose Foam Cleaner**

Article number: 84909

**1.2 Relevant identified uses of the substance or mixture and uses advised against**  
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

#### 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.



Eye Irrit. 2 H319 Causes serious eye irritation.

#### 2.2 Label elements

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

##### Hazard pictograms



GHS02



GHS07

Signal word **Danger**

##### Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

##### 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.

P260 Do not breathe mist/vapours/spray.

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

Continue rinsing.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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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 Chemical characterisation: Mixtures

- **Description:** Mixture of the substances listed below with harmless additions.

#### Dangerous components:

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	5-10%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	butane, pure Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-10%
CAS: 74-98-6 EINECS: 200-827-9	Propane liquefied Flam. Gas 1A, H220	<3%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36	2-butoxyethanol Acute Tox. 3, H311; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<3%
CAS: 1336-21-6 EINECS: 215-647-6	ammonia, aqueous solution Skin Corr. 1B, H314; Aquatic Acute 1, H400 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	<0.25%

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

Aliphatic hydrocarbons	≥5 - <15%
Anionic surfactants, Perfumes	<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

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
Instantly wash with water and soap and rinse thoroughly.  
Generally the product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** 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.

#### 5.3 Advice for firefighters

##### Protective equipment:

- Put on breathing apparatus.
- Do not inhale explosion gases or combustion gases.

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### SECTION 6: Accidental release measures

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

Put on breathing apparatus.

Wear protective equipment. Keep unprotected persons away.

#### 6.2 Environmental precautions: Do not allow product to reach sewage system or water bodies.

#### 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.

#### Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Keep breathing equipment ready.

#### 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.

#### 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

#### Additional information about design of technical systems: No further data; see item 7.

#### 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 ppm
	Long-term value: 999 mg/m <sup>3</sup> , 400 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)

##### 111-76-2 2-butoxyethanol

WEL	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm
	Long-term value: 123 mg/m <sup>3</sup> , 25 ppm
	Sk, BMGV

#### Regulatory information WEL: EH40/2020

#### DNELs

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

Dermal	Long term systemic effect	888 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	500 mg/m <sup>3</sup> (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 <sup>3</sup> (Worker)
	Acute local effect	246 mg/m <sup>3</sup> (Worker)
	Acute systemic effect	663 mg/m <sup>3</sup> (Worker)

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**1336-21-6 ammonia, aqueous solution**

Dermal	Acute systemic effect	6.8 mg/kg bw/day (Worker)
	Long term systemic effect	6.8 mg/kg/day (Worker)
Inhalative	Long term systemic effect	47.6 mg/m <sup>3</sup> (Worker)
	Acute local effect	36 mg/m <sup>3</sup> (Worker)
	Long term local effect	14 mg/m <sup>3</sup> (Worker)
	Acute systemic effect	47.6 mg/m <sup>3</sup> (Worker)

**PNECs**
**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)

**1336-21-6 ammonia, aqueous solution**

PNEC	0.001 mg/l (Aqua (freshwater))
	0.001 mg/l (Aqua (marine water))

**Ingredients with biological limit values:**
**111-76-2 2-butoxyethanol**

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

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

**8.2 Exposure controls**
**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.

**Breathing equipment:**

Only during spraying without adequate removal by suction.  
 AX P2 (EN 14387)

**Protection of hands:**


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**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
 Value for the permeation: Level 6 > 480 minutes

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## · Eye protection:



Safety glasses (EN 166)

### SECTION 9: Physical and chemical properties

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

## · General Information

## · Appearance:

Form:	Aerosol
Colour:	White
Odour:	Fruit-like
Odour threshold:	Not determined.

· pH-value at 20 °C: 10

## · Change in condition

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not applicable, as aerosol

· Flash point: Not applicable, as aerosol

· Inflammability (solid, gaseous) Not applicable.

· Ignition temperature: 365 °C

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Not determined.

## · Critical values for explosion:

Lower:	1.1 Vol %
Upper:	12 Vol %

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C 0.913 g/cm<sup>3</sup>

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not applicable.

## · Solubility in / Miscibility with

Water: Not miscible / difficult to mix

· Partition coefficient: n-octanol/water: Not determined.

## · Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

## · Solvent content:

Organic solvents: 191 g/l VOC

· 9.2 Other information No further relevant information available.

### 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.

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· **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

#### · 11.1 Information on toxicological effects

· **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values that are relevant for classification:

67-63-0 Propan-2-ol		
Oral	LD50	4,570 mg/kg (Rat)
Dermal	LD50	13,400 mg/kg (Rabbit)
106-97-8 butane, pure		
Inhalative	LC50 (4 hr)	658 mg/l (Rat)
	ErC 50	19.37 mg/l (Algae) (96 hr)
74-98-6 Propane liquefied		
	ErC 50	19.37 mg/l (Algae) (96 hr)
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)

#### · Primary irritant effect:

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

#### · Serious eye damage/irritation

Causes serious eye irritation.

· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

#### · Additional toxicological information:

#### · CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **STOT-single exposure** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### · 12.1 Toxicity

#### · Aquatic toxicity:

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)
106-97-8 butane, pure	
EC50 (48 hr)	69.43 mg/l (Daphnia magna)
LC50 (96 hr)	49.9 mg/l (Fish)
74-98-6 Propane liquefied	
EC50 (48 hr)	69.43 mg/l (Daphnia magna)
LC50 (96 hr)	49.9 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 ug/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)

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LC50 (96 hr)	1.84 mg/l (Pseudokirchneriella subcapitata) 1,490 mg/l (Lepomis macrochirus) 1,474 mg/l (Oncorhynchus mykiss) (OECD 203)
<b>110-91-8 morpholine</b>	
EC50	75.44 mg/l (Soil) (24hr) 28 mg/l (Algae) (96hr)
EC50 (48 hr)	45 mg/l (Daphnia magna)
LC50 (96 hr)	179 mg/l (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.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

### 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**

· **ADR, IMDG, IATA** UN1950

· **14.2 UN proper shipping name**

· **ADR** 1950 AEROSOLS  
· **IMDG** AEROSOLS  
· **IATA** AEROSOLS, flammable

· **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:**

Not applicable.

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<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> <li>· <b>Kemler Number:</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Segregation groups</b></li> <li>· <b>Stowage Code</b></li>   <li>· <b>Segregation Code</b></li> </ul>	<p>Warning: Gases.</p> <p>-</p> <p>F-D,S-U</p> <p>Ammonium compounds, alkalis</p> <p>SW1 Protected from sources of heat.</p> <p>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.</p> <p>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.</p> <p>For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.</p> <p>For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.</p>
<ul style="list-style-type: none"> <li>· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>ADR</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> <li>· <b>Transport category</b></li> <li>· <b>Tunnel restriction code</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	<p>UN 1950 AEROSOLS, 2.1</p>

### 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
  - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
  - **National regulations**
  - **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| NK    | 12.5       |
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly 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.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.

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H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

· **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 (REACH)

PNEC: Predicted No-Effect Concentration (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

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

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

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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

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