

KIMCARE® Luxury Foam Antibacterial Hand Cleanser

Version	Revision Date:	MSDS Number:	Date of last issue: 06.03.2017
3.2	30.03.2017	100000000827	Date of first issue: 27.11.2014

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

1.1 Product identifier

Trade name : KIMCARE® Luxury Foam Antibacterial Hand Cleanser

Product code : 6341

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

Use of the Sub-
stance/Mixture : Skin-care, Biocidal product

Recommended restrictions
on use : For professional users only.

1.3 Details of the supplier of the safety data sheet

Company : Kimberly-Clark Europe Limited
40 London Road
Reigate
Surrey RH2 9QP
United Kingdom

Telephone : +44 1737 736000

Telefax : +44 1737 736670

E-mail address Responsi-
ble/issuing person : sdscontact@kcc.com

1.4 Emergency telephone number

: +44 1865 407333
This telephone number is available 24 hours per day, 7 days
per week.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute aquatic toxicity, Category 1	H400: Very toxic to aquatic life.
Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P273 Avoid release to the environment.

Additional Labelling:

EUH208 Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

This product is a mixture. Health hazard information is based on its components.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
cumene, monosulpho derivative, sodium salt	32073-22-6 250-913-5	Eye Irrit. 2; H319	>= 1 - < 10
Sodium laureth sulfate	68585-34-2 500-223-8	Skin Irrit. 2; H315 Eye Dam. 1; H318	>= 1 - < 5
Citric acid	77-92-9 201-069-1	Eye Irrit. 2; H319	>= 1 - < 10
Triclosan	3380-34-5 222-182-2	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0.25 - < 1
5-chloro-2-methyl- 3(2H)isothiazole mixt. with 2-	55965-84-9	Acute Tox. 3; H301 Acute Tox. 3; H331	>= 0.0015 - < 0.06

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methyl-3(2H)isothiazolone		Acute Tox. 3; H311 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
Substances with a workplace exposure limit :			
Propylene Glycol	57-55-6 200-338-0		>= 10 - < 20

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Not required under normal use.

In case of skin contact : No hazards which require special first aid measures.

In case of eye contact : Immediately flush eye(s) with plenty of water.

If swallowed : Not required under normal use.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : No information available.

Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

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5.3 Advice for firefighters

Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	Product contains a high percentage of water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Material can create slippery conditions.
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6.2 Environmental precautions

Environmental precautions	:	Do not allow uncontrolled discharge of product into the environment.
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleece).
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6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	No special handling advice required.
Advice on protection against fire and explosion	:	No special protective measures against fire required.
Hygiene measures	:	General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Other data	:	No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s)	:	Skin-care Biocidal product
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Propylene Glycol	57-55-6	TWA (particles)	10 mg/m3	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			
		TWA (Total vapour and particles)	150 ppm 474 mg/m3	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			

8.2 Exposure controls

Personal protective equipment

Eye protection : Not required under normal use.

Skin and body protection : Not required under normal use.

Respiratory protection : Not required under normal use.

Protective measures : No special protective equipment required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Aqueous solution

Colour : light yellow

Odour : mild

pH : 5.4

Melting point/range : < -2 °C

Boiling point/boiling range : No data available

Flash point : not determined

Vapour pressure : similar to water

Relative density : similar to water

Solubility(ies)
Solubility in other solvents : completely soluble

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Viscosity
Viscosity, kinematic : No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if used as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.

10.4 Conditions to avoid

Conditions to avoid : Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Materials to avoid : No information available.

10.6 Hazardous decomposition products

Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

Sodium laureth sulfate:

Acute oral toxicity : LD50: 15,000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 3,658 mg/kg

Citric acid:

Acute oral toxicity : LD50 Oral (Mouse, male and female): 5,400 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402

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GLP: yes

Triclosan:

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): > 6,000 mg/kg
Method: No information available.
GLP: no

5-chloro-2-methyl-3(2H)isothiazole mixt. with 2-methyl-3(2H)isothiazolone:

Acute oral toxicity : Acute toxicity estimate: 100 mg/kg
Method: Converted acute toxicity point estimate

Acute dermal toxicity : Acute toxicity estimate: 300 mg/kg
Method: Converted acute toxicity point estimate

Propylene Glycol:

Acute oral toxicity : LD50 Oral (Rat, male and female): 22,000 mg/kg
Method: Acute toxicity estimate
GLP: no

Acute inhalation toxicity : LC50 (Rabbit): > 317,042 mg/m³
Exposure time: 2 h
Method: No information available.
GLP: no

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg
Method: No information available.
GLP: no

Skin corrosion/irritation

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Components:

Sodium laureth sulfate:

Species: Rabbit
Result: Skin irritation

Citric acid:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes

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Triclosan:

Species: Rabbit
Assessment: Irritating to skin.
Method: Draize Test
Result: Skin irritation
GLP: no

Propylene Glycol:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: No information available.

Serious eye damage/eye irritation

Product:

Assessment: No eye irritation
Result: No eye irritation
Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Components:

cumene, monosulpho derivative, sodium salt:

Result: Eye irritation

Sodium laureth sulfate:

Result: Risk of serious damage to eyes.

Citric acid:

Species: Rabbit
Method: OECD Test Guideline 405
Result: Eye irritation
GLP: yes

Triclosan:

Species: Rabbit
Assessment: Irritating to eyes.
Method: OECD Test Guideline 405
Result: Eye irritation
GLP: no

Propylene Glycol:

Species: Rabbit
Method: OECD Test Guideline 405
Result: No eye irritation

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GLP: No information available.

Respiratory or skin sensitisation

Product:

Remarks: Based on available data, the classification criteria are not met.

Components:

Triclosan:

Test Type: Buehler Test
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Causes sensitisation.
GLP: yes

Propylene Glycol:

Test Type: Maximisation Test
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Did not cause sensitisation on laboratory animals.
GLP: No information available.

Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment : Contains no ingredient listed as a mutagen

Carcinogenicity

Product:

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : Contains no ingredient listed as toxic to reproduction

STOT - single exposure

Product:

Remarks: No data available

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STOT - repeated exposure

Product:

Remarks: No data available

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:

Remarks: Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No information available.

Toxicity to daphnia and other aquatic invertebrates : Remarks: No information available.

Toxicity to algae : Remarks: No information available.

Components:

Sodium laureth sulfate:

Toxicity to fish : LC50 : 25 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 : 86.09 mg/l
Exposure time: 48 h

Toxicity to algae : EC50 : 115.072 mg/l
Exposure time: 72 h

Citric acid:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
Exposure time: 96 h
Test Type: static test
Method: No information available.
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (Lamellibranchia (mussel)): > 50 mg/l
Exposure time: 48 h
Test Type: static test

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Method: see user defined free text
GLP: no

Triclosan:

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 0.54 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: yes
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 0.18 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae	:	EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): 0.17 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes
M-Factor (Acute aquatic toxicity)	:	100
M-Factor (Chronic aquatic toxicity)	:	100

Ecotoxicology Assessment

Acute aquatic toxicity	:	Very toxic to aquatic life.
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.

Propylene Glycol:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l Exposure time: 96 h Test Type: static test Method: No information available. GLP: no
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Americamysis): 18,800 mg/l Exposure time: 96 h Test Type: static test Method: No information available. GLP: yes
Toxicity to algae	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 24,200 mg/l Exposure time: 72 h

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Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

Toxicity to daphnia and other : NOEC: 13,020 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 7 d

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No information available.

Components:

Sodium laureth sulfate:

Biodegradability : Result: Readily biodegradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No information available.

Components:

Sodium laureth sulfate:

Partition coefficient: n-octanol/water : log Pow: 1.22

Triclosan:

Partition coefficient: n-octanol/water : log Pow: 4.9

12.4 Mobility in soil

Product:

Mobility : Remarks: No information available.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : Remarks: Based on available data, the classification criteria are not met.

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

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12.6 Other adverse effects

Product:

Additional ecological information : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

Contaminated packaging : Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADR : UN 3082

IMDG : UN 3082

IATA : UN 3082

14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Triclosan)

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Triclosan)

IATA : Environmentally hazardous substance, liquid, n.o.s. (Triclosan)

14.3 Transport hazard class(es)

ADR : 9

IMDG : 9

IATA : 9

14.4 Packing group

ADR

Packing group : III

Classification Code : M6

Hazard Identification Number : 90

Labels : 9

Tunnel restriction code : (E)

IMDG

Packing group : III

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Labels	:	9
EmS Code	:	F-A, S-F
IATA		
Packing instruction (cargo aircraft)	:	964
Packing instruction (LQ)	:	Y964
Packing group	:	III
Labels	:	Miscellaneous

14.5 Environmental hazards

ADR
Environmentally hazardous : yes

IMDG
Marine pollutant : yes

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : No information available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

9a	Dangerous for the environment	Quantity 1 100 t	Quantity 2 200 t
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15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

Full text of H-Statements

H301	:	Toxic if swallowed.
H311	:	Toxic in contact with skin.
H314	:	Causes severe skin burns and eye damage.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H331	:	Toxic if inhaled.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Acute aquatic toxicity

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Aquatic Chronic	: Chronic aquatic toxicity
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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