

# SAFETY DATA SHEET

## KIMCARE® Antibacterial Hand Cleanser

Kimcare Antibacterial  
Hand Cleanser Soap

1-25-17

Version 1.6      Revision Date: 20.10.2016      MSDS Number: 190000002388      Date of last issue: 19.10.2016  
Date of first issue: 28.09.2016

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KIMCARE® Antibacterial Hand Cleanser  
Product code : 6334

#### Manufacturer or supplier's details

#### Recommended use of the chemical and restrictions on use

Company : Kimberly-Clark Australia Pty. Limited  
52 Alfred Street, Milsons Point  
Sydney  
2061  
Australia  
Telephone : +61 1800-647-994  
Telefax : +61 2-9957-5687  
E-mail address Responsible/issuing person : sdscontact@kcc.com

#### Emergency telephone number

: +61 1800-647-994  
This telephone number is available during office hours only.

Recommended use : Skin-care


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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute aquatic toxicity : Category 1  
Chronic aquatic toxicity : Category 1

#### GHS label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : P273 Avoid release to the environment.  
P261 Avoid breathing vapours.

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**Response:**

P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards which do not result in classification**

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
cumene, monosulpho derivative, sodium salt	32073-22-6	>= 10 - < 30
Citric acid	77-92-9	< 10
Propylene Glycol	57-55-6	< 10
2-aminoethanol	141-43-5	< 10
Triclosan	3380-34-5	0.8

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### SECTION 4. 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 : This product is intended for use as a hand cleanser and is expected to contact the skin.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed : Not required under normal use.

Most important symptoms and effects, both acute and delayed : No hazards which require special first aid measures.

Notes to physician : No hazards which require special first aid measures.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products : No hazardous combustion products are known

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Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.  
Material can create slippery conditions.

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : No special precautions required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis	
Propylene Glycol	57-55-6	TWA	150 ppm 474 mg/m <sup>3</sup>	AU OEL	
			TWA	10 mg/m <sup>3</sup>	AU OEL
			TWA (particulate)	10 mg/m <sup>3</sup>	AU OEL
		TWA (Total (vapour and particles))	150 ppm 474 mg/m <sup>3</sup>	AU OEL	
2-aminoethanol	141-43-5	TWA	3 ppm 7.5 mg/m <sup>3</sup>	AU OEL	
			STEL	6 ppm 15 mg/m <sup>3</sup>	AU OEL

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### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Not required under normal use.

Skin and body protection : Not required under normal use.

Protective measures : No special protective equipment required.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : gel

Colour : light yellow

Odour : mild

pH : 5.4 - 5.6

Melting point/range : < -6 °C

Boiling point/boiling range : No data available

Flash point : Not applicable

Evaporation rate : Not applicable

Flammability (solid, gas) : The product is not flammable.

Solubility(ies)  
Water solubility : completely soluble

Partition coefficient: n-octanol/water : No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No decomposition if used as directed.

Conditions to avoid : No information available.

Incompatible materials : None.

Hazardous decomposition products : Stable under recommended storage conditions.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

#### Components:

##### **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  
GLP: yes

##### **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/m<sup>3</sup>  
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

##### **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

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### **Skin corrosion/irritation**

Not classified based on available information.

#### **Product:**

Species: Rabbit  
Assessment: No skin irritation  
Result: No skin irritation

#### **Components:**

##### **Citric acid:**

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

##### **Propylene Glycol:**

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

##### **Triclosan:**

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

### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Product:**

Species: Rabbit  
Result: Mild eye irritation  
Assessment: No eye irritation

#### **Components:**

##### **cumene, monosulpho derivative, sodium salt:**

Result: Eye irritation

##### **Citric acid:**

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

##### **Propylene Glycol:**

Species: Rabbit

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Result: No eye irritation  
Method: OECD Test Guideline 405  
GLP: No information available.

### **Triclosan:**

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

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Product:**

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

### **Components:**

#### **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.

#### **2-aminoethanol:**

Species: Guinea pig  
Result: Did not cause sensitisation on laboratory animals.

### **Triclosan:**

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

### **Chronic toxicity**

#### **Germ cell mutagenicity**

Not classified based on available information.

### **Product:**

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

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### **Carcinogenicity**

Not classified based on available information.

#### **Product:**

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

### **Reproductive toxicity**

Not classified based on available information.

#### **Product:**

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

### **STOT - single exposure**

Irritating to respiratory system.

#### **Components:**

##### **2-aminoethanol:**

Exposure routes: Inhalation  
Target Organs: Respiratory Tract  
Assessment: May cause respiratory irritation.

### **STOT - repeated exposure**

Not classified based on available information.

#### **Product:**

Remarks: No data available

### **Aspiration toxicity**

Not classified based on available information.

#### **Product:**

May be harmful if swallowed and enters airways.

### **Further information**

#### **Product:**

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

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## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### **Product:**

Toxicity to fish : Remarks: No information available.

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



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Toxicity to algae : Remarks: No information available.

### **Components:**

#### **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  
Method: see user defined free text  
GLP: no

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

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

#### **2-aminoethanol:**

Toxicity to fish : LC50: 349 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: 32.6 mg/l  
Exposure time: 48 h

Toxicity to algae : EC50: 24.7 mg/l  
Exposure time: 72 h

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Toxicity to fish (Chronic toxicity) : NOEC: > 100 mg/l  
Exposure time: 14 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.85 mg/l  
Exposure time: 21 d

### Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

### 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

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

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

### Persistence and degradability

#### Product:

Biodegradability : Remarks: No information available.

### Bioaccumulative potential

#### Components:

#### Triclosan:

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

### Mobility in soil

#### Product:

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Mobility : Remarks: No information available.

### Other adverse effects

#### Product:

Results of PBT and vPvB assessment : Remarks: Based on available data, the classification criteria are not met.

Additional ecological information : **An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulation

#### **UNRTDG**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Class : 9  
Packing group : III  
Labels : 9

#### **IATA-DGR**

Not permitted for transport

#### **IMDG-Code**

Not permitted for transport

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

Not applicable for product as supplied.

### National Regulations

#### **ADG**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Class : 9  
Packing group : III  
Labels : 9

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### SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform : Schedule 6  
Scheduling of Medicines and  
Poisons

Prohibition/Licensing Requirements : There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Date format : dd.mm.yyyy

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 guid-

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ance 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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