

**Kleenex® Alcohol Foam Hand Sanitiser**

Version 1.4      Revision Date: 22.10.2021      SDS Number: 100000036270      Date of last issue: 06.01.2021  
Date of first issue: 26.08.2020

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Kleenex® Alcohol Foam Hand Sanitiser  
Product code : 6492, 6493

**Manufacturer or supplier's details**

Company : Kimberly-Clark Australia Pty. Limited  
Address : Level 4, 100 Arthur Street, North Sydney  
Sydney, NSW  
2060  
Australia  
Telephone : +61 1800-647-994  
Emergency telephone : 131126  
number  
Poison Center Name : Australia Poison Information Centre  
Poison Center Telephone : 131126

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

Recommended use : Hand Sanitizer

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**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 2  
Serious eye damage/eye irritation : Category 2A

**GHS label elements**

Hazard pictograms :  

Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

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Precautionary statements : **Prevention:**  
 P210 Keep away from heat/sparks/open flames/hot surfaces.  
 No smoking.  
 P233 Keep container tightly closed.

**Response:**  
 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.  
 P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

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

**Disposal:**  
 Dispose of contents/container in accordance with local requirements.

### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
 Chemical nature : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	>= 60 -<= 100
propan-2-ol	67-63-0	< 10

## 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 : No hazards which require special first aid measures.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
 If eye irritation persists, consult a specialist.

If swallowed : Not required under normal use.

Most important symptoms and effects, both acute and : Causes serious eye irritation.

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### SECTION 5. FIREFIGHTING MEASURES

- |   |   |   |
|---|---|---|
| Suitable extinguishing media                  | : | Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical   |
| Unsuitable extinguishing media                | : | High volume water jet   |
| Hazardous combustion products                 | : | Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).  |
| Specific extinguishing methods                | : | Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary.  |

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |   |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Not required under normal use.  |
| Environmental precautions   | : | Prevent product from entering drains.   |
| Methods and materials for containment and cleaning up               | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

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### SECTION 7. HANDLING AND STORAGE

- |   |   |   |
|---|---|---|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection.                   |
| Advice on safe handling                         | : | No special handling advice required.                              |
| Hygiene measures                                | : | General industrial hygiene practice.                              |
| Conditions for safe storage                     | : | Keep container tightly closed in a dry and well-ventilated place. |
| Materials to avoid                              | : | No materials to be especially mentioned.                          |
| Further information on storage stability        | : | No decomposition if stored and applied as directed.               |

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,880 mg/m <sup>3</sup>	AU OEL
		STEL	1,000 ppm	ACGIH
propan-2-ol	67-63-0	TWA	400 ppm 983 mg/m <sup>3</sup>	AU OEL
		STEL	500 ppm 1,230 mg/m <sup>3</sup>	AU OEL
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH

#### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of workweek	40 mg/l	ACGIH BEI

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : not required under normal use

Eye protection : not required under normal use

Skin and body protection : not required under normal use

Protective measures : No special protective equipment required.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

Odour : alcohol-like

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pH	:	6.5 - 7.5
	:	No data available
	:	No data available
Flash point	:	< 20 °C
Evaporation rate	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	0.85 - 0.87 g/cm <sup>3</sup>
Solubility(ies)	:	
Water solubility	:	partly miscible
Viscosity	:	
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	No data available
Incompatible materials	:	No data available
Hazardous decomposition products	:	No data available

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Components:

##### **Ethanol:**

Acute oral toxicity : LD50 (Rat, male and female): 10,470 mg/kg  
Method: OECD Test Guideline 401  
GLP: no

LD50 Oral (Rat): 7,060 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 124.7 mg/l  
Method: OECD Test Guideline 403  
GLP: no

##### **propan-2-ol:**

Acute oral toxicity : LD50 Oral (Rat): 5,840 mg/kg  
Method: OECD Test Guideline 401  
GLP: no  
Remarks: See User Free Text

LD50 Oral (Rat): 1,870 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 10000 ppm  
Exposure time: 6 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
GLP: yes

LC50 (Rat): 72,600 mg/m<sup>3</sup>  
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Rabbit): 12,800 mg/kg  
Method: OECD Test Guideline 402  
GLP: no  
Remarks: See User Free Text

LD50 Dermal (Rabbit): 4,059 mg/kg

#### Skin corrosion/irritation

##### Components:

##### **Ethanol:**

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

##### **propan-2-ol:**

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Species : Rabbit  
Exposure time : 4 hrs  
Method : No information available.  
Result : No skin irritation  
GLP : no  
Remarks : See User Free Text

**Serious eye damage/eye irritation****Components:****Ethanol:**

Species : Rabbit  
Result : Irritation to eyes, reversing within 21 days  
Method : OECD Test Guideline 405  
GLP : no

**propan-2-ol:**

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

**Respiratory or skin sensitisation****Components:****Ethanol:**

Species : Mouse  
Assessment : Does not cause skin sensitisation.  
Method : OECD Test Guideline 429  
Result : Did not cause sensitisation on laboratory animals.  
GLP : no

**Chronic toxicity****Further information****Product:**

Remarks : No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Ethanol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Test Type: static test

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		LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 13,400 - 15,100 mg/l Exposure time: 96 h Test Type: flow-through test
Toxicity to daphnia and other aquatic invertebrates	:	EC50 ( <i>Ceriodaphnia dubia</i> (water flea)): 5,012 mg/l Exposure time: 48 h Test Type: static test
		LC50 ( <i>Daphnia magna</i> (Water flea)): 9,268 - 14,221 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 ( <i>Pseudokirchneriella subcapitata</i> (green algae)): 275 mg/l Exposure time: 72 h Test Type: static test
<b>propan-2-ol:</b>		
Toxicity to fish	:	LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 9,640 mg/l End point: mortality Exposure time: 96 h Test Type: flow-through test Analytical monitoring: yes Method: OECD Test Guideline 203 GLP: no
		LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 10,000 mg/l End point: mortality Exposure time: 96 h Test Type: flow-through test Analytical monitoring: yes Method: OECD Test Guideline 203 GLP: no
		LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 9,640 mg/l Exposure time: 96 h Test Type: flow-through test
		LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 11,130 mg/l Exposure time: 96 h Test Type: static test
		LC50 ( <i>Lepomis macrochirus</i> (Bluegill sunfish)): > 1,400,000 µg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 ( <i>Daphnia magna</i> (Water flea)): 9,714 mg/l Exposure time: 24 h Test Type: static test Method: OECD Test Guideline 202 GLP: no



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EC50 (Daphnia magna (Water flea)): 13,299 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC10 (Scenedesmus quadricauda (Green algae)): 1,800 mg/l  
End point: See User Free Text  
Exposure time: 168 h  
Test Type: static test  
Analytical monitoring: no  
Method: See User Free Text  
GLP: no

EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l  
Exposure time: 96 h

EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l  
Exposure time: 72 h

### Persistence and degradability

#### Components:

##### **Ethanol:**

Biodegradability : aerobic  
Inoculum: activated sludge  
Biodegradation: 97 %  
Exposure time: 28 d  
Remarks: Readily biodegradable, according to appropriate OECD test.

##### **propan-2-ol:**

Biodegradability : aerobic  
Inoculum: activated sludge, adapted  
Chemical oxygen demand  
Biodegradation: 53 %  
Exposure time: 5 d  
Remarks: Readily biodegradable, according to appropriate OECD test.

### Bioaccumulative potential

#### Components:

##### **Ethanol:**

Bioaccumulation : Bioconcentration factor (BCF): 0.66  
Remarks: No bioaccumulation is to be expected (log Pow <= 4).

##### **propan-2-ol:**

Bioaccumulation : Remarks: No bioaccumulation is to be expected (log Pow <= 4).

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### Mobility in soil

#### Components:

##### **Ethanol:**

Stability in soil : Remarks: Not expected to adsorb on soil.

##### **propan-2-ol:**

Stability in soil : Remarks: Adsorbs on soil.

### Other adverse effects

#### Product:

Additional ecological information : No data available

#### Components:

##### **Ethanol:**

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

##### **propan-2-ol:**

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

Class : 3  
Packing group : II  
Labels : 3

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### IATA-DGR

UN/ID No. : UN 1987  
 Proper shipping name : Alcohols, n.o.s.  
 (Ethanol, Isopropanol)  
 Class : 3  
 Packing group : II  
 Labels : Class 3 - Flammable liquids  
 Packing instruction (cargo aircraft) : 364

### IMDG-Code

UN number : UN 1987  
 Proper shipping name : ALCOHOLS, N.O.S.  
 (Ethanol, Isopropanol)  
 Class : 3  
 Packing group : II  
 Labels : 3  
 EmS Code : F-E, S-D  
 Marine pollutant : no

### 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 1987  
 Proper shipping name : ALCOHOLS, N.O.S.  
 Class : 3  
 Packing group : II  
 Labels : 3

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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## SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform : No poison schedule number allocated  
 Scheduling of Medicines and  
 Poisons

### The components of this product are reported in the following inventories:

TCSI : Not in compliance with the inventory  
 AICS : On the inventory, or in compliance with the inventory

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DSL	:	All components of this product are on the Canadian DSL
ENCS	:	Not in compliance with the inventory
ISHL	:	Not in compliance with the inventory
KECI	:	Not in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
NZIoC	:	On the inventory, or in compliance with the inventory

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### SECTION 16. OTHER INFORMATION

Revision Date	:	22.10.2021
Date format	:	dd.mm.yyyy

#### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	:	ACGIH - Biological Exposure Indices (BEI)
AU OEL	:	Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
AU OEL / TWA	:	Exposure standard - time weighted average
AU OEL / STEL	:	Exposure standard - short term exposure limit

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; 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;

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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

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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