

Kleenex[®] Alcohol Foaming Hand Sanitizer 1.2L

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07.04.2024	100000058286	Date of first issue: 07.04.2024

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Kleenex[®] Alcohol Foaming Hand Sanitizer 1.2L
Product code : 78932

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 number : 131126

Recommended use of the chemical and restrictions on use



Recommended use : Hand Sanitizer

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.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.

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No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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:

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

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	< 90
propan-2-ol	67-63-0	< 10

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.
Show this safety data sheet to the doctor in attendance.

If inhaled : Not required under normal use.
In case of skin contact : Get medical attention if irritation develops and persists.
In case of eye contact : Immediately flush eye(s) with plenty of water.
If eye irritation persists, consult a specialist.

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If swallowed	:	If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	None known.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire-fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Specific extinguishing methods	:	Standard procedure for chemical fires. 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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
Environmental precautions	:	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
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). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.
Advice on safe handling	:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Hygiene measures	:	General industrial hygiene practice.

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Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Do not store near acids.
Do not store together with oxidizing and self-igniting products.

Further information on storage stability : No decomposition if stored and applied as directed.

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 ³	AU OEL
		STEL	1,000 ppm	ACGIH
propan-2-ol	67-63-0	TWA	400 ppm 983 mg/m ³	AU OEL
		STEL	500 ppm 1,230 mg/m ³	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 work-week	40 mg/l	ACGIH BEI

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Safety glasses

Skin and body protection : Protective suit

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : transparent, light yellow

Odour : alcohol-like

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Odour Threshold	:	No information available.
pH	:	6.50 - 7.50 (25 °C)
Melting point/freezing point	:	No information available.
Boiling point/boiling range	:	78 °C (1.013 hPa)
Flash point	:	17 °C
Evaporation rate	:	No information available.
Burning 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 information available.
Relative vapour density	:	No information available.
Relative density	:	No information available.
Density	:	0.85 - 0.87 g/cm ³
Solubility(ies) Water solubility	:	No information available.
Partition coefficient: n-octanol/water	:	No information available.
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity Viscosity, dynamic	:	No information available.
Viscosity, kinematic	:	No information available.
Explosive properties	:	No data available
Oxidizing properties	:	No data available

SECTION 10. STABILITY AND REACTIVITY

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Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Vapours may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Acids

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
Test atmosphere: vapour
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/m³
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

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Skin corrosion/irritation**Components:****Ethanol:**

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

propan-2-ol:

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

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Chronic toxicity

Further information

Product:

Remarks : No data available

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

LC50 (Pimephales promelas (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 (Ceriodaphnia dubia (water flea)): 5,012 mg/l
Exposure time: 48 h
Test Type: static test

LC50 (Daphnia magna (Water flea)): 9,268 - 14,221 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 275 mg/l
Exposure time: 72 h
Test Type: static test

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 2

propan-2-ol:

Toxicity to fish : LC50 (Pimephales promelas (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 (Pimephales promelas (fathead minnow)): 11,130 mg/l
Exposure time: 96 h

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Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 9,714 mg/l
 Exposure time: 24 h
 Test Type: static test
 Method: OECD Test Guideline 202
 GLP: no

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.

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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).

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).

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

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Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Class : 3
Packing group : II
Labels : 3

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 Scheduling of Medicines and Poisons : No poison schedule number allocated

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

Revision Date : 07.04.2024
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

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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

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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