

SAFETY DATA SHEET

KLEENEX® Moisturizing Foam Hand Sanitizer

Version 1.2 Revision Date: 29.09.2016 MSDS Number: 100000003198 Date of last issue: 28.09.2016
Date of first issue: 27.09.2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KLEENEX® Moisturizing Foam Hand Sanitizer
Product code : 91560, 91590, 35881, 12560

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

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.
No smoking.

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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.

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

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	>= 30 - < 60

SECTION 4. FIRST AID MEASURES

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

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

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

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed : If swallowed, DO NOT induce vomiting.
Drink 1 or 2 glasses of water.
If symptoms persist, call a physician or Poison Control Centre immediately.

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KLEENEX® Moisturizing Foam Hand Sanitizer

Version 1.2 Revision Date: 29.09.2016 MSDS Number: 100000003198 Date of last issue: 28.09.2016
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Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : No information available.

SECTION 5. FIREFIGHTING MEASURES

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

Unsuitable extinguishing media : Water spray jet

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

No hazardous combustion products are known

Specific extinguishing methods : Standard procedure for chemical fires.

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 : Not required under normal use.
No conditions to be specially mentioned.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Do not smoke.

Hygiene measures : Do not smoke.
Do not get in eyes.

Conditions for safe storage : Keep away from sources of ignition - No smoking.

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

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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 : gel

Colour : white

Odour : pleasant

pH : 7

Melting point/range : -114 °C

Boiling point/boiling range : 78 °C

Flash point : 16 °C

Upper explosion limit : 19 %(V)

Lower explosion limit : 3.3 %(V)

Vapour pressure : 60 hPa

Solubility(ies)

Solubility in other solvents : completely soluble

SECTION 10. STABILITY AND REACTIVITY

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : None known.
Stable under recommended storage conditions.

Conditions to avoid : Heat, flames and sparks.

SAFETY DATA SHEET

KLEENEX® Moisturizing Foam Hand Sanitizer

Version Revision Date: MSDS Number: Date of last issue: 28.09.2016
1.2 29.09.2016 100000003198 Date of first issue: 27.09.2016

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

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

Skin corrosion/irritation

Components:

Ethanol:

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

Serious eye damage/eye irritation

Components:

Ethanol:

Species: Rabbit
Result: Eye irritation
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

SAFETY DATA SHEET

KLEENEX® Moisturizing Foam Hand Sanitizer

Version Revision Date: MSDS Number: Date of last issue: 28.09.2016
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Chronic toxicity

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethanol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 14,200 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other : EC50 (Ceriodaphnia dubia (water flea)): 5,012 mg/l
aquatic invertebrates : Exposure time: 48 h
Test Type: static test

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

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

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

Contaminated packaging : Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

UN number : UN 1993
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
Class : 3
Packing group : II
Labels : 3

IMDG-Code

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UN number	:	UN 1993
Proper shipping name	:	FLAMMABLE LIQUID, N.O.S. (Ethanol)
Class	:	3
Packing group	:	II
Labels	:	3
EmS Code	:	F-E, <u>S-E</u>
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 1993
Proper shipping name	:	FLAMMABLE LIQUID, N.O.S.
Class	:	3
Packing group	:	II
Labels	:	3

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

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vention 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

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