

SAFETY DATA SHEET

Kleenex® Reveal™ Ultra Moisturizing Foam Hand Sanitizer

Version 1.0 Revision Date: 02/25/2020 SDS Number: N00104582601 Date of last issue: -
Date of first issue: 02/25/2020

SECTION 1. IDENTIFICATION

Product name : Kleenex® Reveal™ Ultra Moisturizing Foam Hand Sanitizer

Product code : 45826

Manufacturer or supplier's details

Company : Kimberly-Clark Corporation
50 Burnhamthorpe Rd W
Mississauga
L5B 3Y5
Canada

Telephone : 1-800-437-8979

Emergency telephone : 1-877-561-6587

Transport Emergency : CHEMTREC: 1-800-424-9300

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

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Flammable liquids : Category 2

Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal Word : Danger

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Hazard Statements : H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.

Precautionary Statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
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 to extinguish.
Storage:
P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal:
P501 Dispose of contents/ container to an approved waste

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disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	>= 60 - < 80
Glycerol	56-81-5	>= 1 - < 5

Actual concentration or concentration range is withheld as a trade secret

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

If swallowed : Not required under normal use.

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

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delayed

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

SECTION 5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media : Water spray jet

Specific hazards during fire fighting : No special precautions required.

No special precautions required.

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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : No special environmental precautions required.

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

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : For personal protection see section 8.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

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place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients 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	CA AB OEL
		STEL	1,000 ppm	CA BC OEL
		TWAEV	1,000 ppm 1,880 mg/m ³	CA QC OEL
		STEL	1,000 ppm	ACGIH
Glycerol	56-81-5	TWA	10 mg/m ³	CA BC OEL
		TWA (Respirable)	3 mg/m ³	CA BC OEL
		TWAEV	10 mg/m ³	CA ON OEL
		TWA (Mist)	10 mg/m ³	CA AB OEL
		TWA (Mist)	10 mg/m ³	CA BC OEL
		TWA (Respirable mist)	3 mg/m ³	CA BC OEL
		TWAEV (Mist)	10 mg/m ³	CA QC OEL

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

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Hand protection

Remarks : not required under normal use

Eye protection : not required under normal use

Skin and body protection : Not required under normal use.

Hygiene measures : not required under normal use

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : No information available.

Odor : No information available.

Odor Threshold : No information available.

pH : 7

Melting point/freezing point : -114 °C

Boiling point/boiling range : 78 °C

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Flash point : 20 °C

Evaporation rate : No information available.

Upper explosion limit / Upper flammability limit : 19 %(V)

Lower explosion limit / Lower flammability limit : 3.3 %(V)

Vapor pressure : 60 hPa

Relative vapor density : No information available.

Density : No data available

Solubility(ies)
Water solubility : No information available.

Solubility in other solvents : completely soluble

Partition coefficient: n-octanol/water : No information available.

Viscosity
Viscosity, kinematic : No information available.

SECTION 10. STABILITY AND REACTIVITY

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Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Stable under recommended storage conditions.

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

Glycerol:

Acute oral toxicity : LD50 Oral (Mouse, male): 23,000 mg/kg
Method: Acute toxicity estimate
GLP: no

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

Respiratory or skin sensitization

Components:

Ethanol:

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

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethanol:

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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 aquatic invertebrates : EC50 (Ceriodaphnia dubia (water flea)): 5,012 mg/l
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

Glycerol:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 54,000 mg/l
End point: CUST-Z12.00290230
Exposure time: 96 h
Test Type: static test
Analytical monitoring: No data available
Method: No information available.
GLP: no

Persistence and degradability

Components:

Glycerol:

Biodegradability : Result: Readily biodegradable.

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ACGIH / STEL	:	Short-term exposure limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / STEL	:	short-term exposure limit
CA ON OEL / TWAEV	:	time-weighted average exposure value
CA QC OEL / TWAEV	:	Time-weighted average exposure value

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; 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

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CA / Z8