

SAFETY DATA SHEET

Kleenex® Ultra Moisturizing Foam Hand Sanitizer

Version	Revision Date:	MSDS Number:	Date of last issue: 05-26-2015
1.1	10-26-2015	100000002990	Date of first issue: 05-26-2015

SECTION 1. IDENTIFICATION

Product name : Kleenex® Ultra Moisturizing Foam Hand Sanitizer

Product code : 34604, 34605, 34610, 34618, 34640, 34643, 34700, 34678, 45511

Manufacturer or supplier's details

Company name of supplier : Kimberly-Clark Corporation

Address : 1400 Holcomb Bridge Road,
Roswell, GA 30076-2199

Telephone : 1-888-346-6452

Emergency telephone : 1-877-561-6587

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 2

Eye irritation : Category 2B

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H225 Highly flammable liquid and vapor.
H320 Causes eye irritation.

Precautionary Statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
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.
Storage:
P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

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Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 74.7323 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Ethanol	64-17-5	>= 50 - < 70
propan-2-ol	67-63-0	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : No hazards which require special first aid measures.

In case of skin contact : If symptoms persist, call a physician.

In case of eye contact : If in eyes, rinse with water for 15 minutes.
If eye irritation persists, consult a specialist.

If swallowed : Do NOT induce vomiting.
Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO2)

Unsuitable extinguishing media : Water spray jet

Specific hazards during fire fighting : Highly flammable liquid and vapor.

Hazardous combustion prod- : Carbon monoxide, carbon dioxide and unburned

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ucts hydrocarbons (smoke).

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : Standard procedure for chemical fires.

Special protective equipment for fire-fighters : 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.
Remove all sources of ignition.

Environmental precautions : Try to prevent the material from entering drains or water courses.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Shovel into suitable container 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 vapors).

Advice on safe handling : No special precautions required.

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m ³	OSHA Z-1
		TWA	1,000 ppm 1,900 mg/m ³	OSHA P0
		TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		STEL	1,000 ppm	ACGIH
propan-2-ol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m ³	OSHA Z-1

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		TWA	400 ppm 980 mg/m3	OSHA P0
		STEL	500 ppm 1,225 mg/m3	OSHA P0
		TWA	400 ppm 980 mg/m3	NIOSH REL
		ST	500 ppm 1,225 mg/m3	NIOSH REL

Biological occupational exposure limits

Ingredients	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
	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 : 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.

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : milky

Odor : alcoholic

pH : 5

Flash point : 16 °C

Upper explosion limit : 19 %(V)

Lower explosion limit : 2 %(V)

Relative density : 0.875

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Solubility(ies)
Water solubility : completely soluble

Autoignition temperature : > 425 °C

Viscosity
Viscosity, dynamic : 250 mPa.s

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable

Possibility of hazardous reactions : Keep away from oxidizing agents, and acidic or alkaline products.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Oxidizing agents

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

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Ingredients:

Ethanol:

Acute oral toxicity : LD50 (Rat, female): 15,000 mg/kg

propan-2-ol:

Acute oral toxicity : LD50 Oral (Rat): 5,840 mg/kg

Acute inhalation toxicity : LC50 (Rat): 16000 ppm

Acute dermal toxicity : LD50 Dermal (Rabbit): 12,800 mg/kg

Skin corrosion/irritation

Product:

Result: No skin irritation

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Serious eye damage/eye irritation

Product:

Result: Irritating to eyes.

Respiratory or skin sensitization

Product:

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

Carcinogenicity

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT-single exposure

Product:

Remarks: Not applicable

STOT-repeated exposure

Product:

Remarks: Not applicable

Aspiration toxicity

Product:

No aspiration toxicity classification

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

Ethanol:

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): 14.2 g/l Exposure time: 96 h Test Type: flow-through test
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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 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
Exposure time: 72 h
Test Type: static test

propan-2-ol:
Toxicity to fish : LC50: 9,640 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: 10,000 mg/l
Exposure time: 24 h

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.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

UN/ID No. : UN 1987
Proper shipping name : Alcohols N.O.S
(Ethanol, Isopropanol)
Class : 3
Packing group : II

IMDG-Code

UN number : UN 1987
Proper shipping name : ALCOHOLS N.O.S
(Ethanol, Isopropanol)

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Class	:	3
Packing group	:	II
Marine pollutant	:	no

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

Not applicable for product as supplied.

Domestic regulation

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

SARA 311/312 Hazards : Fire Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

propan-2-ol	67-63-0	4.9995 %
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California Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

: This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EU) No. 1907/2006 (REACH).

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

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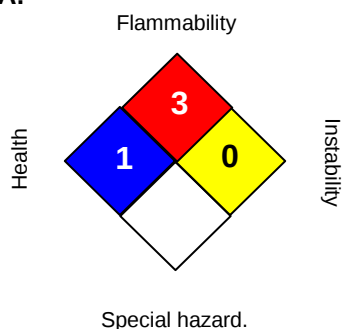
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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The information provided in this Material 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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