

SAFETY DATA SHEET

KLEENEX® Moisturizing Foam Hand Sanitizer

Version	Revision Date:	MSDS Number:	Date of last issue: 03-22-2016
1.3	09-16-2016	100000003198	Date of first issue: 08-10-2015

SECTION 1. IDENTIFICATION

Product name : KLEENEX® Moisturizing Foam Hand Sanitizer

Product code : 91560, 91590, 35881

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

Serious eye damage/eye irritation : Category 2B

GHS label elements

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:
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
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 + P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

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KLEENEX® Moisturizing Foam Hand Sanitizer

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The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:
64.3401 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration (%)
Ethanol	64-17-5	>= 50 - < 70

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 : Wash off with soap and water.
If symptoms persist, call a physician.

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 Center immediately.

Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : No information available.

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

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

Specific extinguishing methods : Standard procedure for chemical fires.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SAFETY DATA SHEET

KLEENEX® Moisturizing Foam Hand Sanitizer

Version 1.3 Revision Date: 09-16-2016 MSDS Number: 100000003198 Date of last issue: 03-22-2016
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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.
Conditions for safe storage : Keep away from sources of ignition - No smoking.

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

Personal protective equipment

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 : Do not smoke.
Do not get in eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : gel
Color : white
Odor : pleasant

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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)
Vapor 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.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

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

Ingredients:

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

Ingredients:

Ethanol:

SAFETY DATA SHEET

KLEENEX® Moisturizing Foam Hand Sanitizer

Version	Revision Date:	MSDS Number:	Date of last issue: 03-22-2016
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Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes

Serious eye damage/eye irritation

Ingredients:

Ethanol:

Species: Rabbit
Result: Eye irritation
Method: OECD Test Guideline 405
GLP: no

Respiratory or skin sensitization

Ingredients:

Ethanol:

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

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.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

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 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

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KLEENEX® Moisturizing Foam Hand Sanitizer

Version	Revision Date:	MSDS Number:	Date of last issue: 03-22-2016
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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

IMDG-Code

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

49 CFR

Not permitted for transport

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

SARA 311/312 Hazards : Fire Hazard

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

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know

Ethanol	64-17-5	50 - 70 %
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Pennsylvania Right To Know

Ethanol	64-17-5	50 - 70 %
Water	7732-18-5	30 - 50 %
2-methylpropan-2-ol	75-65-0	0.1 - 1 %

New Jersey Right To Know

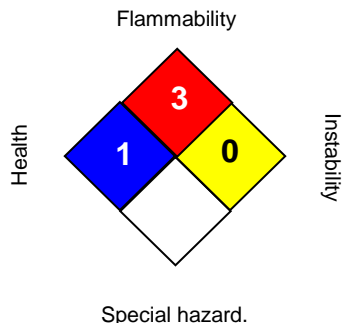
Ethanol	64-17-5	50 - 70 %
Water	7732-18-5	30 - 50 %
Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, ethoxylated	102783-01-7	1 - 5 %
Betafan M	Mead-owfoamamidopropyl Betaine	1 - 5 %
Betafin BP20	Not Assigned	1 - 5 %
PEG-glycerylcocoate	68201-46-7	1 - 5 %

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.

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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