

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1 Revision Date: 03-22-2016 MSDS Number: 100000003199 Date of last issue: 08-10-2015
Date of first issue: 08-10-2015

SECTION 1. IDENTIFICATION

Product name : KLEENEX® Moisturizing Instant Hand Sanitizer
Product code : 31294, 32181, 33987, 33958, 34023, 35722, 35804, 36873, 37342, 39868, 91562, 91600, 93056, 45826

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 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:
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
Storage:

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1 Revision Date: 03-22-2016 MSDS Number: 100000003199 Date of last issue: 08-10-2015
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P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

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

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:
65.1647 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Ethanol	64-17-5	>= 50 - < 70
Glycerol	56-81-5	>= 1 - < 5

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.
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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
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SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1 Revision Date: 03-22-2016 MSDS Number: 100000003199 Date of last issue: 08-10-2015
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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.

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

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
Glycerol	56-81-5	TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (mist, respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (mist, total dust)	15 mg/m ³	OSHA Z-1
		TWA (Mist - total dust)	10 mg/m ³	OSHA P0
		TWA (Mist - respirable fraction)	5 mg/m ³	OSHA P0

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1	Revision Date: 03-22-2016	MSDS Number: 100000003199	Date of last issue: 08-10-2015 Date of first issue: 08-10-2015
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Appearance	: gel
Color	: white
Odor	: pleasant
pH	: 7
Melting point/range	: -114 °C
Boiling point/boiling range	: 78 °C
Flash point	: 20 °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

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

Glycerol:

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

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1 Revision Date: 03-22-2016 MSDS Number: 100000003199 Date of last issue: 08-10-2015
Date of first issue: 08-10-2015

Acute inhalation toxicity : LC50 (Rat, male): > 2.75 mg/l
Method: Acute toxicity estimate
GLP: no

Acute dermal toxicity : LD50 Dermal (Guinea pig, male and female): 56,750 mg/kg
Method: Acute toxicity estimate
GLP: no

Skin corrosion/irritation

Ingredients:

Ethanol:

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

Glycerol:

Species: Rabbit
Method: No information available.
Result: No skin irritation
GLP: no

Serious eye damage/eye irritation

Ingredients:

Ethanol:

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

Glycerol:

Species: Rabbit
Result: No eye irritation
Method: No information available.
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

Germ cell mutagenicity

Ingredients:

Glycerol:

Genotoxicity in vitro : Result: negative

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1 Revision Date: 03-22-2016 MSDS Number: 100000003199 Date of last issue: 08-10-2015
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Carcinogenicity

Ingredients:

Glycerol:

Species: Rat, (male and female)

Application Route: Oral

Exposure time: 24 month(s)

Frequency of Treatment: 1 daily

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.

Reproductive toxicity

Ingredients:

Glycerol:

Effects on fetal development : Test Type: Two-generation study
Species: Rat, male and female
Application Route: Oral
Dose: 2000 milligram per kilogram
Frequency of Treatment: 1 daily

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
Method: No information available.
GLP: No information available.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia dubia (water flea)): 5,012 mg/l
Exposure time: 48 h
Test Type: static test
Method: No information available.
GLP: No information available.

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 275

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

Version 1.1 Revision Date: 03-22-2016 MSDS Number: 100000003199 Date of last issue: 08-10-2015
Date of first issue: 08-10-2015

mg/l
Exposure time: 72 h
Test Type: static test
Method: No information available.
GLP: No information available.

Glycerol:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 54,000 mg/l
Exposure time: 96 h
Test Type: static test
Method: No information available.
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1,955 mg/l
Exposure time: 48 h
Test Type: static test
Method: No information available.
GLP: no

Persistence and degradability

Ingredients:

Glycerol:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

SECTION 14. TRANSPORT INFORMATION

International Regulation

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

SAFETY DATA SHEET

KLEENEX® Moisturizing Instant Hand Sanitizer

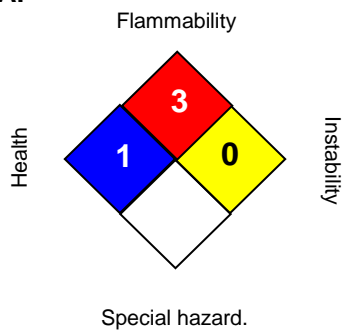
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California Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

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

Revision Date : 03-22-2016

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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