SAFETY DATA SHEET

KLEENEX® Antibacterial Foam Skin Cleanser

Version Revision Date: MSDS Number: Date of last issue: -

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SECTION 1. IDENTIFICATION

Product name : KLEENEX® Antibacterial Foam Skin Cleanser

Product code : 35821, 91554, 91594, 11279, 11554

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

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 20.897 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

| Chemical Name | CAS-No. | Concentration (%) |
|-------------------------|------------|-------------------|
| Propylene Glycol | 57-55-6 | >= 10 - < 20 |
| Sodium laureth sulfate | 68585-34-2 | >= 1 - < 5 |
| sodium cumenesulphonate | 28348-53-0 | >= 1 - <= 5 |
| citric acid | 77-92-9 | >= 1 - < 5 |
| Triclosan | 3380-34-5 | >= 0 - <= 1 |
| Cocamidopropyl Betaine | 61789-40-0 | >= 0 - <= 1 |

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 warm water.

If skin irritation persists, call a physician.

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: Flush eyes with water at least 15 minutes. Get medical atten-In case of eye contact

tion if eye irritation develops or persists.

If swallowed Clean mouth with water and drink afterwards plenty of water.

Do not give milk or alcoholic beverages.

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.

Hazardous combustion prod-

ucts

: Carbon monoxide, carbon dioxide and unburned

hydrocarbons (smoke).

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, protec: : tive equipment and emer-

gency procedures

Not required under normal use.

No conditions to be specially mentioned.

Environmental precautions No special environmental precautions required.

Methods and materials for

containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against

fire and explosion

: Normal measures for preventive fire protection.

Advice on safe handling For personal protection see section 8.

No special handling advice required.

Conditions for safe storage : Store at room temperature in the original container.

Materials to avoid : No special restrictions on storage with other products.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Ingredients | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------------|---------|-------------------------------------|--|---------|
| | | exposure) | Concentiation | |
| Propylene Glycol | 57-55-6 | TWA | 10 mg/m3 | US WEEL |

Hazardous components without workplace control parameters

| Ingredients | CAS-No. |
|------------------------|------------|
| Sodium laureth sulfate | 68585-34-2 |
| citric acid | 77-92-9 |

Engineering measures : none

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 applicable

Protective measures : No special protective equipment required.

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : clear

Odor : fruity

pH : 5 - 5.5

Melting point/range : 0 °C

Boiling point/boiling range : 100 °C

Flash point : Not applicable

Vapor pressure : similar to water

Solubility(ies)

Solubility in other solvents : completely soluble

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SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

: No hazards to be specially mentioned.

Conditions to avoid : No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

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:

Propylene Glycol:

Acute oral toxicity : (Rat, male and female): 22,000 mg/kg

citric acid:

Acute oral toxicity : LD50 Oral (Mouse, male and female): 5,400 mg/kg

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg

Triclosan:

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg

Method: OECD Test Guideline 401

Skin corrosion/irritation

Not classified based on available information.

Product:

Result: No skin irritation

Ingredients:

Propylene Glycol:

Species: Rabbit

Result: No skin irritation

citric acid: Species: Rabbit Exposure time: 4 h

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Method: Draize Test Result: Mild skin irritation

Triclosan:

Assessment: Irritating to skin.

Cocamidopropyl Betaine:

Result: Skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Result: No eye irritation

Ingredients:

Propylene Glycol:

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

citric acid:

Species: Rabbit

Result: Irritation to eyes, reversing after 7 to 21 days.

Method: OECD Test Guideline 405

Test substance: see user defined free text

Triclosan:

Assessment: Irritating to eyes.

Cocamidopropyl Betaine:

Result: Eye irritation

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Product:

Remarks: No data available

Ingredients:

Propylene Glycol:

Method: OECD Test Guideline 406

Result: negative

Cocamidopropyl Betaine:

Result: Does not cause skin sensitization.

Germ cell mutagenicity

Not classified based on available information.

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Carcinogenicity

Not classified based on available information.

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 carcino-

gen 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

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Product:

Inhalation : Remarks: No human information is available.

Skin contact : Remarks: No human information is available.

Eye contact : Remarks: No human information is available.

Ingestion : Remarks: No human information is available.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

Propylene Glycol:

Toxicity to fish : LC50 (Fish): 40,613 mg/l

Exposure time: 96 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50: 18,340 mg/l Exposure time: 48 h

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citric acid:

Toxicity to fish : LC100: 625 mg/l

Triclosan:

Toxicity to fish : LC50 (Fish): 0.54 mg/l

Exposure time: 96 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50: 0.191 mg/l Exposure time: 48 h

Toxicity to algae : EC50: 0.78 mg/l

Exposure time: 72 h

Cocamidopropyl Betaine:

Toxicity to fish : LC50 (Fish): 1.11 mg/l

Exposure time: 96 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50: 1.9 mg/l

Exposure time: 48 h

Toxicity to algae : EC50: 5.6 mg/l

Exposure time: 72 h

Persistence and degradability

Ingredients:

Cocamidopropyl Betaine:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential

Ingredients:

sodium cumenesulphonate:

Partition coefficient: n-

octanol/water

: Remarks: No data available

Triclosan:

Partition coefficient: n-

octanol/water

: log Pow: 4.76

Cocamidopropyl Betaine:

Partition coefficient: n-

octanol/water

: Remarks: Not applicable

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-

mation

: There is no data available for this product.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed dis-

posal company.

Contaminated packaging : Empty remaining contents.

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

UN/ID No. : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

Class : 9 Packing group : III

IMDG-Code

UN number : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

Class : 9
Packing group : III
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 regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

| Ingredients | CAS-No. | Component RQ | Calculated product RQ |
|-------------|----------|--------------|-----------------------|
| | | (lbs) | (lbs) |
| | 84-66-2 | 1000 | * |
| | 123-91-1 | 100 | * |

^{*:} Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

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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.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

Propylene Glycol 57-55-6 10.107 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

AMYL ACETATE 628-63-7 0.0012 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

AMYL ACETATE 628-63-7 0.0012 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

| Dimethyl sulfide | 75-18-3 | 0 - 0.1 % |
|------------------|----------|-----------|
| 1,4-dioxane | 123-91-1 | 0 - 0.1 % |
| acetaldehyde | 75-07-0 | 0 - 0.1 % |

Pennsylvania Right To Know

| 7732-18-5 | Not Assigned | 70 - 90 % |
|-------------------------|--------------|-----------|
| Propylene Glycol | 57-55-6 | 10 - 20 % |
| sodium citrate | 6132-04-3 | 5 - 10 % |
| sodium cumenesulphonate | 28348-53-0 | 1 - 5 % |
| sodium sulphate | 7757-82-6 | 0.1 - 1 % |
| diethyl phthalate | 84-66-2 | 0 - 0.1 % |

New Jersey Right To Know

| 7732-18-5 | Not Assigned | 70 - 90 % |
|-------------------------|--------------|-----------|
| Propylene Glycol | 57-55-6 | 10 - 20 % |
| sodium citrate | 6132-04-3 | 5 - 10 % |
| sodium cumenesulphonate | 28348-53-0 | 1 - 5 % |
| Sodium laureth sulfate | 68585-34-2 | 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.

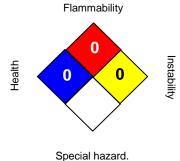
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

| HEALTH | 0 |
|-----------------|---|
| FLAMMABILITY | 0 |
| 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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