SECTION 1. IDENTIFICATION

Product name: Kleenex® Antimicrobial Foam Skin Cleanser

Product code: 91554-05, 91594-08, 11279-06

Manufacturer or supplier’s details

Company: Kimberly-Clark Corporation
1400 Holcomb Bridge Road
Roswell
30076-2199
USA

Telephone: 1-888-346-6452

Emergency telephone: 1-877-561-6587

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

Recommended use of the chemical and restrictions on use
Recommended use: Hand Sanitizer

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance or mixture.

GHS label elements
Not a hazardous substance or mixture.

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Chemical nature: Mixture

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betaines, C12-14-alkyldimethyl</td>
<td>66455-29-6</td>
<td>=&gt; 5 - &lt; 10</td>
</tr>
<tr>
<td>Glycerol</td>
<td>56-81-5</td>
<td>=&gt; 1 - &lt; 5</td>
</tr>
<tr>
<td>Benzalkonium Chloride</td>
<td>8001-54-5</td>
<td>=&gt; 0.1 - &lt; 1</td>
</tr>
</tbody>
</table>

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
In case of skin contact: This product is intended for use as a hand cleanser and is expected to contact the skin. Get medical attention if irritation develops and persists.

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

If swallowed: Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

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

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: None known.

Hazardous combustion products: No hazardous combustion products are known.

Further information: The product itself does not burn.

Special protective equipment for fire-fighters: Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Not required under normal use. No conditions to be specially mentioned.

Environmental precautions: Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling: not required under normal use
Conditions for safe storage: Keep in a dry, cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>56-81-5</td>
<td>TWA (total dust)</td>
<td>15 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (respirable fraction)</td>
<td>5 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (mist, respirable fraction)</td>
<td>5 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (mist, total dust)</td>
<td>15 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Mist - total dust)</td>
<td>10 mg/m³</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Mist - respirable fraction)</td>
<td>5 mg/m³</td>
<td>OSHA P0</td>
</tr>
</tbody>
</table>

Hazardous components without workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betaines, C12-14-alkyldimethyl</td>
<td>66455-29-6</td>
</tr>
<tr>
<td>Benzalkonium Chloride</td>
<td>8001-54-5</td>
</tr>
</tbody>
</table>

Engineering measures: Not applicable

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.

Eye protection: not required under normal use

Hygiene measures: Do not get in eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Color: clear
Odor: characteristic
Odor Threshold: No data available
pH: 4.5
Melting point/range : No data available
Boiling point/boiling range : No data available
Flash point : does not flash
Upper explosion limit : Not applicable
Lower explosion limit : Not applicable
Vapor pressure : similar to water

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.
Chemical stability : The product is chemically stable.
Conditions to avoid : Not applicable
Incompatible materials : None.

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

Ingredients:

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

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

Benzalkonium Chloride:
Acute oral toxicity : LD50 (Rat): 240 mg/kg

Skin corrosion/irritation
Not classified based on available information.
Product:
Result: No skin irritation

Ingredients:
Betaines, C12-14-alkyldimethyl:
Result: Irritating to skin.

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

Benzalkonium Chloride:
Result: Causes burns.

Serious eye damage/eye irritation
Not classified based on available information.

Product:
Result: No eye irritation

Ingredients:
Glycerol:
Species: Rabbit
Result: No eye irritation
Assessment: No eye irritation
Method: No information available.
GLP: no

Benzalkonium Chloride:
Result: Risk of serious damage to eyes.

Respiratory or skin sensitization
Skin sensitization
Not classified based on available information.

Respiratory sensitization
Not classified based on available information.

Ingredients:
Glycerol:
Test Type: Draize Test
Routes of exposure: Dermal
Species: Humans
Result: Does not cause skin sensitization.
SAFETY DATA SHEET

Kleenex® Antimicrobial Foam Skin Cleanser

Germ cell mutagenicity
Not classified based on available information.

Ingredients:
Glycerol:
Genotoxicity in vitro : Result: negative

Carcinogenicity
Not classified based on available information.

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
Not classified based on available information.

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

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.
SAFETY DATA SHEET

Kleenex® Antimicrobial Foam Skin Cleanser

Version 1.2
Revision Date: 05-31-2017
MSDS Number: 100000007514
Date of last issue: 08-10-2016
Date of first issue: 08-09-2016

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

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

Benzalkonium Chloride:

Ecotoxicology Assessment
Acute aquatic toxicity
: Very toxic to aquatic life.

Persistence and degradability

Ingredients:

Glycerol:
Biodegradability
: Result: Readily biodegradable.

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects

Product:
Ozone-Depletion Potential
: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
   Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information
: 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
UNRTDG
Not regulated as a dangerous good
IATA-DGR
Not regulated as a dangerous good
IMDG-Code
Not regulated as a dangerous good
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

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100-44-7</td>
<td>100</td>
<td>100 (P028)</td>
</tr>
</tbody>
</table>

SARA 304 Extremely Hazardous Substances Reportable Quantity

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100-44-7</td>
<td>100</td>
<td>*</td>
</tr>
</tbody>
</table>

*: Calculated RQ exceeds reasonably attainable upper limit.
SARA 311/312 Hazards: Acute Health Hazard
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.

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (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):
- Glycerol 56-81-5 2.5 %

Clean Water Act
The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 116.4A:
- Benzyl chloride 100-44-7 0.0002 %
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations
Massachusetts Right To Know
- Glycerol 56-81-5 1 - 5 %
- Benzyl chloride 100-44-7 0 - 0.1 %

Pennsylvania Right To Know
- Water 7732-18-5 90 - 100 %
- Betaines, C12-14-alkyldimethyl 66455-29-6 5 - 10 %
- Glycerol 56-81-5 1 - 5 %

New Jersey Right To Know
- Water 7732-18-5 90 - 100 %
- Betaines, C12-14-alkyldimethyl 66455-29-6 5 - 10 %
- Glycerol 56-81-5 1 - 5 %
- Salt Sodium mono-chloride 1 - 5 %

New York City Hazardous Substances
No components listed on the New York City Hazardous Substances List

TSCA list
No substances are subject to a Significant New Use Rule.
No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations
AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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 Sys-
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