1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF SUPPLIER

Product Identifier: Kwiky ET Antiseptic Hand Sanitizer Gel
Product Form: Gel
Other means of identification: N/A
Product Use: Hand sanitizer to reduce the germs on hands

Supplier Details: maxill inc.
80 Elm St.
St. Thomas, ON
Canada, N5R 6C8

Emergency Contact: maxill inc. 519-631-7370, CANUTEC: 613.996.6666, ChemTel: 1-800-255-3924

2. HAZARDS IDENTIFICATION

GHS Classification for mixture: Flammable liquid – Category 3
Eye irritation – Category 2B

GHS Label Elements:

Signal Word: Warning
Hazard Statements: Flammable liquid and vapour
Causes eye irritation
Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces.
No smoking
Keep container tightly closed
Wear protective gloves/eye protection/face protection
Wash hands thoroughly after handling
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Storage: Store in a well-ventilated place. Keep cool.
Disposal: Dispose of contents/container in accordance with local /regional /national /international regulations

Hazards not otherwise classified: None known.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/v)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>Ethanol (CAS) 64-17-5</td>
<td>60 – 90</td>
<td></td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of First Aid Measures

Inhalation: Seek medical attention if symptoms occur

Skin Contact: Seek medical attention if irritation develops and persists.

Eye Contact: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists or blurred vision occurs.

Ingestion: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Most important symptoms/effects, acute and delayed
No information available

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician: Treat symptoms

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water, water haze, fire-extinguishing powder, foam.

Specific Hazards during firefighting:

- Fire Hazard.
- Keep away from heat sources of ignition.
- Flash back possible over considerable distance.
- Beware of vapors accumulating to form explosive concentrations.
- Vapors can accumulate in low areas

Special Hazards Arising from the Substance or Mixture

Formation of carbon oxides

Further Information:

- Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire-fighting water in accordance with official regulations.

Special protective equipment for fire-fighters:

- In the event of fire, wear self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Remove all sources of ignition, provide adequate ventilation and personal protective equipment for responders.

Environmental precautions: Stop leak. Contain spill if possible and safe to do so. Collect spill in suitable containers or absorbed on a suitable absorbent material. Containers used to contain spilled material should be sealed to prevent evaporation of product.

Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) and dispose of in accordance with all federal, provincial, and local government regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

General Procedures: Keep away from heat, sparks and flames. Keep container closed when not in use. Use with adequate ventilation. Avoid breathing vapours. Avoid contact with eyes and skin. Wash exposed skin thoroughly after handling. Take precautions to prevent static electricity build-up when transferring contents.

Storage: Store in cool, dry conditions in well-sealed receptacles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Value Type (form of exposure)</th>
<th>Control Parameters/Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>STEL</td>
<td>1000 ppm</td>
<td>ACGIH TLV</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1000 ppm (1900 mg/m³)</td>
<td>OSHA PEL</td>
</tr>
<tr>
<td></td>
<td>IDLH</td>
<td>3300 ppm</td>
<td>NIOSH IDLH</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1000 ppm (1900 mg/m³)</td>
<td>NIOSH IDLH</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Good general ventilation should be sufficient to control workers exposure to airborne contamination.

Respiratory protection: Respiratory protection not required under normal use

Hand protection: Hand protection not required under normal use

Eye protection: Eye protection should be used when splashing may occur

Skin and body protection: Skin and body protection not required under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance (physical state)</th>
<th>Gel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Alcohol and perfume</td>
</tr>
</tbody>
</table>

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10. STABILITY AND REACTIVITY

**Reactivity:**
Product is stable under normal conditions

**Chemical Stability:**
Product is stable under normal conditions.

**Conditions to Avoid:**
Sources of ignition

**Incompatible Materials:**
Oxidizing materials

**Hazardous Decomposition Products:**
Burning can produce carbon monoxide and/or carbon dioxide and/or formaldehyde

11. TOXICOLOGICAL INFORMATION

**Information on Toxicological Effects - Component**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>LD₅₀ Oral</th>
<th>Species</th>
<th>LD₅₀ Dermal</th>
<th>Species</th>
<th>LC₅₀ Inhalation</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>7,060 mg/kg</td>
<td>Rat</td>
<td>20,000 mg/kg</td>
<td>Rabbit</td>
<td>31,623 mg/kg</td>
<td>Rat</td>
</tr>
</tbody>
</table>

**Information on toxicological Effects – Product**
No available data for this section

**Irritation/Corrosion Information for Component**

**Primary Irritant effects**

**Skin irritation:**
No irritating effect

**Eye irritation:**
redness, irritation effect

**Sensitization:**
No sensitizing effects known.

**Additional Information**

**Carcinogenic categories:**
Substance is not listed in the: IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), or OSHA-Ca (Occupational Safety & Health Administration)
12. ECOLOGICAL INFORMATION

Ecotoxicity information for product: No available data

Ecotoxicity information for Components:

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Test</th>
<th>Time</th>
<th>Result</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>LC50</td>
<td>96h</td>
<td>&gt;10,000 mg/L</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
</tr>
<tr>
<td></td>
<td>LC50</td>
<td>96h</td>
<td>&gt;13,400 mg/L</td>
<td>Pimephales promelas (fathead minnow)</td>
</tr>
<tr>
<td></td>
<td>Growth Inh.</td>
<td>96h</td>
<td>1,000 mg/L</td>
<td>Chlorella vulgaris (algae)</td>
</tr>
<tr>
<td></td>
<td>MIC</td>
<td>-</td>
<td>6,500 mg/L</td>
<td>Pseudomonas putida</td>
</tr>
</tbody>
</table>

Persistence and degradability: No available data
Bio-accumulative potential: No available data
Mobility in soil: No available data
Other adverse effects: No available data
General notes: No available data

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations: Disposal must be completed according to official regulations.
Packaging Disposal: Disposal must be completed according to official regulations.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT Classification</th>
<th>IMDG</th>
<th>IATA</th>
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<tbody>
<tr>
<td>UN number</td>
<td>UN1170</td>
<td>UN1170</td>
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<tr>
<td>Hazard Class</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>Shipping Name</td>
<td>Ethanol Solution</td>
<td>Ethanol Solution</td>
</tr>
</tbody>
</table>

Special precautions for user: none

15. REGULATORY INFORMATION

Canadian Federal Regulations: This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR. Exempt - Registered product - (NPN 80098208).

Export Control List (CEPA 1999, Schedule 3) Not listed.
Greenhouse Gases Not listed.
Precursor Control Regulations Not regulated.
WHMIS 2015 Exemptions Exempt

US Federal Regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
OSHA Hazards (HCS 1994)  Flammable liquid, Eye irritation
TSCA Inventory Listing
Components  CAS-No.
Ethanol  64-17-5

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

SARA 311/312 Classification
"Fire hazard", "Immediate (acute) health hazard"

SARA 313 Chemical
Not applicable

US. EPA CERCLA Hazardous Substances (40 CFR 302)
Not applicable

Safety, Health and Environmental Regulations for Product
No available data for this section.

16. OTHER INFORMATION:
INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Disclaimer
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