Safety Data Sheet

10.1 Identification
Product form: mixture
Product name: Anti-Bacterial Hand Sanitizer

10.2 Relevant identification uses of the substance or mixture and uses advised against

Relevant identified uses
Intended for general public
Main use category: consumer use
Use of the substance: cosmetics, personal care products

1.2.1 Uses advised against
No additional information available.

10.3 Details of the supplier of the safety data sheet
Manufacture: BBC Group Co. Ltd
Address: Yangxia Developing Zone, Pumei Town, Yunxiao County, Zhangzhou City, Fujian Province, China 363300

10.4 Emergency telephone number
Emergency telephone: 86-0596-8891288

Section 2. Hazard(s) Identification

2.1 Classification of the substance or mixture

CHS-US Classification
Skin Sens. 1 H317
Flam. Liq. 2 H225
Full text of H statements: see section 16
### 2.2 Label elements

**GHS-US labeling**
Hazard pictograms (GHS-US)

<table>
<thead>
<tr>
<th>Hazard Pictograms (GHS-US)</th>
<th><img src="image" alt="GHS02" /> <img src="image" alt="GHS07" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word: (GHS-US)</td>
<td>Danger</td>
</tr>
</tbody>
</table>
| Hazard Statements (GHS-US)| H225 - Highly flammable liquid and vapour  
H317 - May cause an allergic skin reaction |
| Precautionary statements (GHS-US)| P210 - Keep away from heat, hot surfaces, open flames, sparks.. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof equipment equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P261 - Avoid breathing vapours/spray  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear eye protection, protective clothing, protective gloves  
P302+P352 - If on skin: Wash with plenty of water  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P321 - Specific treatment (see instructions on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO₂), dry extinguishing to extinguish  
P403+P235 - Store in a well-ventilated place. Keep cool  
P501 - Dispose of contents/container to comply with applicable local, national and international |
2.3 Other hazards
No additional information available

2.4 Unknown acute toxicity (GHS US)
Not applicable

Section 3: Composition/Information on Ingredients

3.1 Substance
Not applicable

3.2 Mixture

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Ingredients</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Alcohol Denat.</td>
<td>62.000000</td>
</tr>
<tr>
<td>77-32-18-5</td>
<td>Water/Aqua/Eau</td>
<td>37.074000</td>
</tr>
<tr>
<td>61-78-85-0</td>
<td>PEG-40 Hydrogenated Castor Oil</td>
<td>0.400000</td>
</tr>
<tr>
<td>N/A</td>
<td>Fragrance/Parfum</td>
<td>0.300000</td>
</tr>
<tr>
<td>176-429-87-1</td>
<td>Acrylates/C10-30 Alkyl Acrylate Crosspolymer</td>
<td>0.200000</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Sodium Hydroxide</td>
<td>0.016000</td>
</tr>
<tr>
<td>37-34-33-6</td>
<td>Denatonium Benzoate</td>
<td>0.010000</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

Section 4: First Aid Measures

4.1 Description of first aid measures
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Wash skin with plenty of water.
First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion: Call a poison center or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation: None under normal use. May cause slight imitation.
Symptoms/injuries after skin contact: None under normal use. May cause slight imitation.
Symptoms/injuries after eye contact: Serious damage to eyes.
Symptoms/injuries after ingestion: None under normal use. May cause slight imitation.

4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.
Section 5: Firefighting Measures

5.1 Extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2 Special hazards arising from the substance or mixture
Fire hazard: Flammable
Explosion hazard: Product is not explosive
Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3 Advice for firefighters
Precautionary measure fire: stop leak if safe to do so.
Firefighting instructions: Exercise caution when fighting any chemical fire.
Protection during firefighting: Do not attempt to take action without suitable equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel
Protective equipment: Wear suitable gloves and eye/face protection.
Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2 For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures: Ventilate area. Stop leak if safe to do so.

6.2 Environmental precautions
Avoid release to the environment.

6.3 Methods and material for containment and cleaning up
For containment: Collect spillage
Methods for cleaning up: Take up liquid spill into absorbent material
Other information: Dispose of materials or solid residues at an authorized site

6.4 Reference to other sections
For further information refer to section 8: "Exposure controls/personal". For further information refer to section 13.
Section 7: Handling and Storage

7.1 Precautions for safe handling
Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handing the product.

7.2 Conditions for safe storage, including any incompatibilities
Technical measures: Ensure adequate ventilation.
Storage conditions: Store in a well-ventilated place. Keep cool.


Section 8: Exposure Controls/Personal Protection

8.1 Control parameters
No additional information available

8.2 Exposure controls
Appropriate engineering controls: Ensure good ventilation of the work station.
Personal protective equipment: Safety glasses.

Hand protection: Protective gloves.
Eye protection: Safety glasses.
Skin and body protection: Wear suitable protective clothing.
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls: Avoid release to the environment.
9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Transparent liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Transparent</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>PH</td>
<td>6.5–7.5</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 35°C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; 23°C</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20°C</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>0.88 g/cm³</td>
</tr>
<tr>
<td>Solubility</td>
<td>Solubility in water of Complete</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>3000 mPa.s</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2 Other information

No additional information available
Section 10: Stability and Reactivity

10.1 Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No dangerous recommended known under normal conditions of use.

10.4 Conditions to avoid
None under recommended storage and handing conditions (see section 7).

10.5 Incompatible materials

10.6 Hazardous decomposition productions
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Section 12: Ecological Information

12.1 Toxicity
Ecology—general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2 Persistence and degradability
No additional information available

12.3 Bioaccumulative potential
No additional information available
12.4 Mobility in soil
No additional information available

12.5 Other adverse effects
Effect on the global warming: No know ecological damage caused by this product

Section 13: Disposal Considerations

13.1 Waste treatment methods
Waste treatment methods: Dispose of contents/container in accordance with licensed collector' sorting instructions.
Waste disposal recommendations: Avoid release to the environment.

Section 14: Transport Information

<table>
<thead>
<tr>
<th>RID/ADR Ethanol Solutions</th>
<th>Class</th>
<th>UN/ID Number</th>
<th>Packing Group</th>
<th>Subsidiary Risks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>1170</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td>IMDG Ethanol Solutions</td>
<td>3</td>
<td>1170</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td>CAO/IATA: Ethanol Solutions</td>
<td>3</td>
<td>1170</td>
<td>II</td>
<td></td>
</tr>
</tbody>
</table>

Section 15: Regulatory Information

15.1 US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:
This product or mixture does not contain a chemicals in excess of the applicable de minims concentration as specified in the 40 CFR § 372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2 International regulations
Canada
No additional information available

EU-Regulations
No additional information available

National regulations
No additional information available

15.3 US State regulations
California Proposition 65-This product does not contain any substances known to the state of California to cause cancer.
### Section 16: Other Information

Full text of H-statements:

| H318: | Causes serious eye damage |
| NFPA health hazard: | 3-Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. |
| NFPA fire hazard: | 0-Materials that will not burn. |
| NFPA reactivity: | 0-Normally stable, even under fire exposure conditions, and are not reactive with water. |

#### HMIS III Rating

| Health: | 3 Serious Hazard-Major injury likely unless prompt action is taken and medical treatment is given |
| Flammability: | 0 Minimal Hazard-Materials that will not burn |
| Physical: | Minimal Hazard-Materials that are normally stable, even under fire conditions, and will **NOT** react with water., polymerize, decompose, condense, or self-react. |
| Nonexplosives |  |
| Personal Protection | A |
| A – Safety glasses |  |

Date: 2020-1-6