MATERIAL SAFETY DATA SHEET

I. PRODUCT & COMPANY IDENTIFICATION

Product Name: Infectiguard

Product Type: Hand Sanitizer

Supplier Address: Dr Fresh Inc
6645 Caballero blvd.
Buena park, CA, 90620
USA
Phone: 1-866-DRFRESH
Emergency Phone: 1-800-255-3924

II. HAZARDS IDENTIFICATION

Appearance: White/ Colorless
Physical State: Semisolid
Odor: Characteristic

Emergency Overview:
FLAMMABLE LIQUID
May cause eye irritation

Potential Health Effects: None
Principle Routes of Exposure: Skin contact.

Acute Toxicity
- Eyes: May cause irritation.
- Skin: Does not pose a potential of skin irritation and sensitization.
- Inhalation: No known effect.
- Ingestion: No known effect. Ingestion may cause irritation to mucous membranes.

Chronic Effects: No known effect.

Aggravated Medical Conditions: None known.
Environmental Hazard: See Section 12 for additional Ecological Information

III. COMPOSITION INFORMATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>60-70%</td>
</tr>
</tbody>
</table>
IV. FIRST AID MEASURES

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. If irritation persists, call a physician.

Skin Contact: None under normal use

Inhalation: None under normal use

Ingestion: Rinse mouth with water and afterwards drink plenty of water or milk

Notes to Physician: Treat symptomatically.

V. FIRE-FIGHTING MEASURES

Flash Point: 22°C / 72°F

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Sensitivity to Static Discharge: Yes.

Protective Equipment and Precautions for Firefighters As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA: Health Hazard 1 Flammability 3 Stability 0 Physical and Chemical Hazards –

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.

Environmental Precautions: Refer to protective measures listed in Sections 7 and 8.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Keep in suitable and closed containers for disposal

VII. HANDLING & STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not puncture or incinerate cans.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.
VIII. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm TWA: 1900 mg/m3</td>
<td>IDLH: 3300 ppm TWA: 1900 mg/m3 TWA: 1000 ppm</td>
</tr>
</tbody>
</table>

Engineering Measures: Showers, eyewash stations, and ventilation systems.

Personal Protective Equipment

Eye/Face Protection: No special protective equipment required.
Skin and Body Protection: No special protective equipment required.
Respiratory Protection: No protective equipment is needed under normal use conditions.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

IX. PHYSICAL & CHEMICAL PROPERTIES

| Physical State: Liquid. Pump Spray |
| Appearance: Colorless |
| pH: Not applicable |
| Flash Point: 22°C / 72°F |
| Melting Point/Range: No data available |
| Solubility: Miscible with water |
| Partition Coefficient: n-octanol/water |
| Odor: Characteristic |
| Boiling Point/Range: No data available |
| Specific Gravity: 0.836 - 0.890 |
| VOC Content (%): Available upon request |

X. STABILITY & REACTIVITY

Stability: Stable
Incompatible Products: None known.
Conditions to Avoid: Heat, flames and sparks.
Hazardous Decomposition Products: None known
Hazardous Polymerization: Hazardous polymerization does not occur.

XI. TOXICOLOGICAL INFORMATION

Acute Toxicity
Product Information: Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.

Chronic Toxicity
Chronic Toxicity: No known effect.
Target Organ Effects: None known.
XII. ECOLOGICAL INFORMATION

Ecotoxicity: The environmental impact of this product has not been fully investigated.

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
Contaminated Packaging: Dispose of in accordance with local regulations.
US EPA Waste Number: D001

XIV. TRANSPORTATION INFORMATION

DOT
Proper Shipping Name: Consumer commodity
Hazard Class: ORM-D
Description: Consumer commodity, ORM-D
Emergency Response Guide Number: 128

TDG
Proper Shipping Name: Flammable liquid, n.o.s. (Ethanol Mixture)
Hazard Class: 3
UN-No: UN1993
PG: II
Description: Flammable liquid, n.o.s. (Ethanol Mixture), 3, UN1993, PG II,

MEX
Proper Shipping Name: Flammable liquid, n.o.s. (Ethanol Mixture)
Hazard Class: 3
UN-No: UN1993
PG: II
Description: UN1993 Flammable liquid, n.o.s. (Ethanol Mixture), 3, II,

ICAO
UN-No: UN1993
Proper Shipping Name: Flammable liquid, n.o.s. (Ethanol Mixture)
Hazard Class: 3
PG: II
Description: Flammable liquid, n.o.s. (Ethanol Mixture), 3, UN1993, PG II,

IATA
UN-No: UN1993
Proper Shipping Name: Flammable liquid, n.o.s., (Ethanol Mixture)
Hazard Class: 3
ERG Code: 3H
PG: II
Description: Flammable liquid, n.o.s. (Ethanol Mixture), 3, UN1993, PG II,

IMDG/IMO
Proper Shipping Name: Flammable liquid, n.o.s., (Ethanol Mixture)
Hazard Class: 3
UN-No: UN1993
PG: II
EmS No.: F-E, S-E
Vessel Stowage: B
Description: UN 1993 Flammable liquid, n.o.s. (Ethanol Mixture), 3, UN1993, PG II,
**RID**
Proper Shipping Name: Flammable liquid, n.o.s. (Ethanol Mixture)
Hazard Class: 3
UN-No: UN1993
PG: II
Classification Code: F1
Description: UN1993 Flammable liquid, n.o.s., (Ethanol Mixture), 3, II, RID Mixture
ADR/RID-Labels: 2

**ADR**
Proper Shipping Name: Flammable liquid, n.o.s. (Ethanol Mixture)
Hazard Class: 3
UN-No: UN1993
PG: II
Classification Code: F1
Description: UN1993, Flammable liquid, n.o.s., (Ethanol Mixture), 3, II
ADR/RID-Labels: 2

**ADN**
Proper Shipping Name: Flammable liquid, n.o.s. (Ethanol Mixture)
Hazard Class: 3
PG: II
Classification Code: F1
Description: UN1993, Flammable liquid, n.o.s., (Ethanol Mixture), 3, II
Hazard Labels: 3
Limited Quantity: LQ4
Ventilation: VE01

**XV. REGULATORY INFORMATION**

**U.S. Regulations**

SARA 311/312 Hazard Categories

- Acute Health Hazard: No
- Chronic Health Hazard: No
- Fire Hazard: Yes
- Sudden Release of Pressure Hazard: Yes
- Reactive Hazard: No
- California Proposition 65: This product does not contain any Proposition 65 chemicals.

**International Regulations**

Mexico - Grade: Serious risk, Grade 2
Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

B2: Flammable liquid

**International Inventories**

- TSCA: Exempt
- DSL: Complies

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
XVI. OTHER INFORMATION

Prepared By
Dr. Fresh Inc
6645 Caballero Blvd
Buena Park, CA, 90620
USA

Issuing Date
3-Mar11

Revision Date
N/A

Revision Note
N/A

Disclaimer
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