SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label
: Instant Hand Sanitizer with Fresh Scent

Other means of identification : 9900001
Pouches: 0.057 oz, 0.125 oz, 0.9 gram

Recommended use of the chemical and restrictions on use
: Personal Care Applications
Restriction on use: None known

Chemical family
: Mixture.

Name, address, and telephone number of the supplier:
Safetec of America, Inc.
887 Kensington Avenue
Buffalo, NY, USA
14215
(716) 895-1822

Supplier's Telephone # : (716) 895-1822
24 Hr. Emergency Tel # : 1-800-255-3924

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical
Light green gel. Alcohol odor

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

Label elements

Hazard pictogram(s)
None required under U.S. OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations.

Signal Word
None required under OSHA HazCom2012 and 2015 Canadian WHMIS regulations.

Hazard statement(s)
None required under U.S. OSHA HazCom 2012 and Canadian WHMIS 2015 regulations.

Precautionary statement(s)
None required under U.S. OSHA HazCom 2012 and Canadian WHMIS 2015 regulations.

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS #</th>
<th>Concentration (% by weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>Alcohol, Ethyl alcohol</td>
<td>64-17-5</td>
<td>50.0 - 73.0</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Triethanolamine</th>
<th>2,2',2''-Nitrilotriethanol</th>
<th>102-71-6</th>
<th>0.1 - 1.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tris(2-hydroxyethyl)amine</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The exact concentrations and/or specific chemical identities of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- **Ingestion**: None required under normal conditions. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

- **Inhalation**: None required under normal conditions.

- **Skin contact**: None required under normal conditions.

- **Eye contact**: None required under normal conditions.

Most important symptoms and effects, both acute and delayed

- **Eye contact**: Direct eye contact may cause slight or mild, transient irritation.

Indication of any immediate medical attention and special treatment needed

- **Eye contact**: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- **Suitable extinguishing media**: Dry chemicals. Carbon dioxide (CO2). Water or fog spray.

- **Unsuitable extinguishing media**: Do not use water jet as extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- **Highly flammable liquid and vapor. Vapour can travel considerable distance and flashback to a source of ignition. Vapors are heavier than air and may spread along floors. Static discharge, impact, friction, and heat may ignite exposed chemical material.**

Flammability classification (OSHA 29 CFR 1910.106)

- **Flammable liquids - Category 2**

Hazardous combustion products

- **Carbon oxides.**

Special protective equipment and precautions for firefighters

- **Protective equipment for fire-fighters**: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

- **Special fire-fighting procedures**: Fight fires from a safe distance. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- **Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Individuals involved in the cleanup must wear appropriate personal protective equipment. For personal protection, see section 8 of the SDS.**

Environmental precautions

- **Do not allow material to contaminate ground water system.** For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up

- **Wipe up with absorbent material (e.g. cloth, fleece).**
SAFETY DATA SHEET

Special spill response procedures:
If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802). US CERCLA Reportable quantity (RQ): None.

SECTION 7. HANDLING AND STORAGE
Precautions for safe handling:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

Conditions for safe storage:
Keep containers closed when not in use.

Incompatible materials:
Strong oxidizing agents. Acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>STEL</td>
</tr>
<tr>
<td>Ethanol</td>
<td>N/Av</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>5 mg/m³</td>
<td>N/Av</td>
</tr>
</tbody>
</table>

Exposure controls:
Ventilation and engineering measures:
Ensure adequate ventilation, especially in confined areas. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Respiratory protection:
None required under normal conditions.

Skin protection:
None required under normal conditions.

Eye / face protection:
None required under normal conditions.

Other protective equipment:
None required under normal conditions.

General hygiene considerations:
Avoid breathing mist or vapor. Do not ingest.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Light green gel.

Odour:
Alcohol

Odour threshold:
Not available.

pH:
6.3 - 8.1

Melting Point/Freezing point:
Not available.

Initial boiling point and boiling range:
Not available.

Flash point:
81.0 °F (27.2 °C)

Flashpoint (Method):
Closed cup

Evaporation rate (BuAe = 1):
Not available.

Flammability (solid, gas):
Not applicable.

Lower flammable limit (% by vol.):
3.3%
SAFETY DATA SHEET

Upper flammable limit (% by vol.)
: 19%
Oxidizing properties : Not applicable
Explosive properties : Not explosive
Vapour pressure : Not available.
Vapour density : Not available.
Relative density / Specific gravity
: 0.89
Solubility in water : Complete
Other solubility(ies) : Not available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution
: Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity : Not available.
Volatile (% by weight) : Not available.
Volatile organic Compounds (VOC’s)
: Not available.
Absolute pressure of container : Not available.
Flame projection length : Not available.
Other physical/chemical comments
: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity
: The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability
: Material is stable under normal conditions.
Possibility of hazardous reactions
: Hazardous polymerization does not occur.
Conditions to avoid
: Keep away from heat, sparks and open flames.
Incompatible materials
: oxidizing materials and acids
Hazardous decomposition products
: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES
Routes of entry skin & eye : YES
Routes of entry Ingestion : YES
Routes of exposure skin absorption : YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation
: None expected, when used as intended.
SAFETY DATA SHEET

Sign and symptoms ingestion

: None expected, when used as intended.

Sign and symptoms skin

: None expected, when used as intended.

Sign and symptoms eyes

: Direct contact causes eye irritation.

Potential Chronic Health Effects

: Prolonged or repeated skin contact may cause drying and irritation. Prolonged overexposure may cause liver and kidney effects.

Mutagenicity

: Not expected to be mutagenic.

Carcinogenicity

: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

Specific target organ effects

: None expected, when used as intended.

Medical conditions aggravated by overexposure

: None reported by the manufacturer.

Synergistic materials

: None reported by the manufacturer.

Toxicological data

: See below for individual ingredient acute toxicity data.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LC₅₀(4hr)</th>
<th>LD₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inh, rat</td>
<td>(Oral, rat)</td>
</tr>
<tr>
<td>Ethanol</td>
<td>&gt; 32 380 ppm (61 mg/L) 4 hours (vapour)</td>
<td>7060 mg/kg</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>N/Av</td>
<td>6110 mg/kg</td>
</tr>
</tbody>
</table>

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: The product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity data:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Fish</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LC₅₀ / 96h</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&gt; 100 mg/L Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>11 800 mg/L Fathead minnow (Pimephales promelas)</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EC50 / 48h</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>5012 mg/L Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>609.88 mg/L Water flea (Ceriodaphnia dubia)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Algae</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EC50 / 96h or 72h</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>1000 mg/L/96hr Green algae (Selenastrum capricornutum)</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>512 mg/L/72hr Green algae (Desmontesmus subspicatus)</td>
</tr>
</tbody>
</table>

Persistence and degradability: Not available.
Bioaccumulation potential: Not available.

<table>
<thead>
<tr>
<th>Components</th>
<th>Partition coefficient n-octanol/water (log Kow)</th>
<th>Bioconcentration factor (BCF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>- 0.31</td>
<td>N/Av</td>
</tr>
<tr>
<td>Triethanolamine (CAS 102-71-6)</td>
<td>-2.53</td>
<td>&lt;3.9 BCF method: OECD 30</td>
</tr>
</tbody>
</table>

Mobility in soil: Not available.
Other Adverse Environmental effects: None known or reported by the manufacturer.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal: See Section 7 (Handling and Storage) for further details. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not cut, weld, drill or grind on or near this container.

Methods of Disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA: If the product becomes a waste, it may meet the criteria of a hazardous waste according to the US RCRA Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.
SAFETY DATA SHEET

SECTION 14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing Group</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
<td>UN3175</td>
<td>SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.</td>
<td>not regulated</td>
<td>II</td>
<td></td>
</tr>
</tbody>
</table>

**TDG Additional information**
Special provision 56 allows for UN3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.

| 49CFR/DOT UN Number | UN3175    | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.                     | not regulated               | II            |       |

**49CFR/DOT Additional information**
Special provision 47 allows for UN3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.

| ICAO/IATA UN Number | UN3175    | Solids containing flammable liquid, n.o.s.                      | not regulated               | II            |       |

**ICAO/IATA Additional information**
Special provision A46 allows for UN 3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.

| IMDG UN Number | UN3175    | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.                     | not regulated               | II            |       |

**IMDG Additional information**
Special provision 216 allows for UN 3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.

**Special precautions for user**

Keep away from heat and flame.

**Environmental hazards**
This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not established.

SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>Yes</td>
<td>N/Ap</td>
<td>N/Ap</td>
<td>No</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>Yes</td>
<td>N/Ap</td>
<td>N/Ap</td>
<td>No</td>
</tr>
</tbody>
</table>

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.
SAFETY DATA SHEET

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>California Proposition 65</th>
<th>State “Right to Know” Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Listed</td>
<td>Type of Toxicity</td>
<td>CA</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>No</td>
<td>N/Ap</td>
</tr>
</tbody>
</table>

Canadian Information:

All components of this product are on the Canadian DSL list.
WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>European EINECs</th>
<th>Australia AICS</th>
<th>Philippines PICCS</th>
<th>Japan ENCS</th>
<th>Korea KECI/KECL</th>
<th>China IECSC</th>
<th>NewZealand IOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>Present</td>
<td>Present</td>
<td>(2)-202</td>
<td>KE-13217</td>
<td>Present</td>
<td>HSR001144</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>203-049-8</td>
<td>Present</td>
<td>Present</td>
<td>(2)-308</td>
<td>KE-25940</td>
<td>Present</td>
<td>HSR002785</td>
</tr>
</tbody>
</table>

SECTION 16. OTHER INFORMATION

Legend:
ACGIH: American Conference of Governmental Industrial Hygienists
CA: California
CAS: Chemical Abstract Services
CEPA: Canadian Environmental Protection Act
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CPR: Controlled Products Regulation
CSA: Canadian Standards Association
DOT: Department of Transportation
DSL: Domestic Substances List
EPA: Environmental Protection Agency
HPA: Hazardous Products Act
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
SAFETY DATA SHEET

NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OEL: National occupational exposure limits
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PPE: Personal Protective Equipment
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RQ: Reportable Quantity
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEL: Workplace Exposure Limit
WHMIS: Workplace Hazardous Materials Identification System

References:
1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2018.
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2019 (Chempendium, HSDB and RTECs).
4. Safety Data Sheets from manufacturer.

Preparation Date (mm/dd/yyyy):
11/10/2016

Reviewed Date SDS (dd/mm/yyyy):
23/04/2020

Revision No.:
3

Revision Information:
(M)SDS sections updated :All

Other special considerations for handling:
Provide adequate information, instruction and training for operators.

Prepared for:
Safetec of America
887 Kensington Avenue
Buffalo, NY 14215
Telephone: 1-716-895-1822
www.safetec.com

Prepared by:
ICC The Compliance Center Inc.
Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada)
http://www.thecompliancecenter.com

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