Safety Data Sheet
EPI-CLENZ INSTANT HAND SANITIZERS

Section 1. Identification

Product Identifier  EPI-CLENZ INSTANT HAND SANITIZERS
Synonyms  MSC097030; MSC097031; MSC097032; MSC097033; MSC097034; MSC097037; MSC097038; MSC097039
Manufacturer Stock Numbers  MSC097030; MSC097031; MSC097032; MSC097033; MSC097034; MSC097037; MSC097038; MSC097039
Recommended use  N/A
Uses advised against  N/A
Manufacturer Contact Address  Medline Industries, Inc.
                        One Medline Place
                        Mundelein, IL, 60060
                        USA
Phone  (800) 633-5463
Emergency Phone  (800) 424-9300
Fax  (847) 643-4436
CHEMTREC CHEMTREC
Website  www.Medline.com

Section 2. Hazards Identification

Classification  ACUTE TOXICITY - DERMAL - Category 5
                ACUTE TOXICITY - ORAL - Category 5
                EYE DAMAGE/IRRITATION - Category 2B
                FLAMMABLE LIQUIDS - Category 3
                SENSITIZATION - SKIN - Category 1B
Signal Word  Warning
Pictogram

Hazard Statements
- Causes eye irritation
- Flammable liquid and vapor
- May be harmful if swallowed
- May be harmful in contact with skin
- May cause an allergic skin reaction

Precautionary Statements

Response
- Call a poison center/doctor/...if you feel unwell.
- If eye irritation persists: Get medical advice/attention.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- If on skin: Wash with plenty of water/...
- If skin irritation or rash occurs: Get medical advice/attention.
- In case of fire: Use ... to extinguish.
- Specific treatment (see ... on this label)
- Wash contaminated clothing before reuse.

Prevention
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing must not be allowed out of the workplace.
- Ground/bond container and receiving equipment.
- Keep away from heat.
- Keep container tightly closed.
- Take precautionary measures against static discharge.
- Use explosion-proof electrical/ventilating/lighting/.../equipment.
- Use only non-sparking tools.
- Wash ...thoroughly after handling.
- Wear protective gloves.
- Wear protective gloves/eye protection/face protection

Storage
- Store in a well-ventilated place. Keep cool.

Disposal
- Dispose of contents/container to ...

Ingredients of unknown toxicity
- 0%

Hazards not Otherwise Classified
- No Data Available
Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Ethyl alcohol</td>
<td>70 %</td>
</tr>
</tbody>
</table>

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

Section 4. First-Aid Measures

General Advice: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Eye Contact: Avoid rubbing eyes. Immediately flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of product remains (minimum 15 minutes is typically recommended). Remove contact lenses, if present and easy to do. Get medical attention if pain or irritation persists.

Inhalation: Remove victim to fresh air. Seek medical attention if discomfort continues.

Ingestion: If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: In case of fire, use Dry Chemical, Foam, Carbon Dioxide (CO2), Water fog

Unsuitable Extinguishing Media: Large quantities of gel hand sanitizer are flammable and vapors from explosive mixtures with air. Dangerous when exposed to heat, sparks, flame or oxidants.

Special Fire Fighting Procedures: Handle as a flammable liquid. Dilution of burning liquid with water will effect extinguishment.

Section 6. Accidental Release Measures

Flammable Large Spill: Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

Flammable Small Spill: Absorb with an inert dry material and place in an appropriate waste disposal container.
Section 7. Handling and Storage

Handling Flammable: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/ fumes/ vapor/ spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage Flammable: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>TWA: 200 ppm</td>
<td>TWA: 400 ppm</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL: 400 ppm</td>
<td>STEL: 500 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>STEL: 1,000 ppm</td>
<td>TWA: 1,000 ppm/1,900mg/mm3</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.</td>
<td>29 CFR 1910.1000 Table Z-1 Limits</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Personal Protective Equipment: N/A

Respiratory Protection: Air supplied masks or respirator in confined areas

Skin Protection: Protective gloves: Rubber

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.
Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>N/A</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless gel</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1</td>
</tr>
<tr>
<td>Density lbs/Gal</td>
<td>N/A</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>78° F</td>
</tr>
<tr>
<td>FP Method</td>
<td>CC</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N.A.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>173° F</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>N/A</td>
</tr>
<tr>
<td>LEL</td>
<td>3.3</td>
</tr>
<tr>
<td>UEL</td>
<td>19</td>
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<tr>
<td>Evaporation Rate</td>
<td>N.A.</td>
</tr>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N.A.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity

Stability: Stable.
Conditions to avoid: Keep away from heat.
Incompatibility (Materials to Avoid): Strong acids.
Hazardous Decomposition or Byproducts: Burning may produce Carbon Monoxide, Carbon Dioxide and other hazardous components.
Hazardous Polymerization: N.D.
Section 11. Toxicological Information

OSHA STEL: 
ACGIH TLV: 
Acute Toxicity: Eye Contact  Contact may cause temporary moderate irritation 
Acute Toxicity: Ingestion  May be harmful if swallowed 
Acute Toxicity: Inhalation  N.A. 
Acute Toxicity: Skin Contact  May cause mild irritation on patients with sensitive skin 
Carcinogenicity:  None known 
Chronic Toxicity:  None known

Section 12. Ecological Information

No Data Available

Section 13. Disposal

Waste Disposal:  Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

UN Number  N/A 
UN Proper Shipping Name  Limited Quantity 
DOT Classification  Limited Quantity 
Packing Group  N/A

Section 15. Regulatory Information

No Data Available

Section 16. Other Information

Revision Date  5/29/2015 
Additional Information  NFPA 1-3-1