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Quality Control Unit  
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## SAFETY DATA SHEET

Date Issued: 02.10.2020 (Revised: 04.30.20)

### Section 1: Material Identification

**Product Name: Ovation Chlorhexidine Hand Sanitizer (DermSafe)**

**CAS #: None**

**Molecular Formula: None (Mixture)**

### Section 2: Chemical or Hazardous Components

**Components: DI Water, Polyquaternium-44 VP/Hexadecene VP/Eicosene VP/Tricontanyl, coconut oil, chlorhexidine, stearic acid, gluconic acid, succinic acid and Pluronic L44 NF, (or poloxamer 182).**

**All components have low toxicities and are considered to be safe. Product is classified as NON-Flammable (No flashpoint under 120°F). When heated to decomposition, will emit acrid fumes.**

### Section 3: Potential Health Effects: and Section 4: First Aid Measures

#### Primary Routes of Entry:

**Skin contact : (1)                      Eye Contact : (2)**

**Inhalation : ( )                      Ingestion : (3)**

**Effects of Over Exposure: No First-Aid normally required for skin exposure. Some skin irritation may develop on chronic exposure. For certain allergic individuals, skin irritation may be relieved by applying mild skin lotion.**

**EYE EXPOSURE: Flush with large quantities of cool water. If irritation develops, contact a physician.**

**INGESTION: Immediately call a physician.**

**Material listed as Carcinogen: No**

**National Toxicology Program: No**

**O.S.H.A.: No**

**I.A.R.C. Monographs : No**

### Section 5: Fire and Explosion Information

**Flashpoint :** >120°F.

**Decomposition Temperature:** >450°F

**Self Ignition:** Will Not Occur.

**Lower Explosion Limit:** NA

**Upper Explosion Limit:** NA

**Extinguishing media:** Suitable for surrounding fire.

**Special Fire fighting procedures:** When heated to decomposition, product may emit acrid fumes. Full faceplate, operated in positive pressure mode should be worn.

**Unusual Fire and Explosion Hazards:** None

### Section 6: Accidental Release Measures:

**Personal Protections:** Protective equipment should be worn, particularly for eyes and skin.

**Methods and materials For cleanup:** Dike area far ahead for large spills for later recovery. Pick up free liquid for recycle or disposal. Residual liquid can be absorbed on inert material. Spilled liquid and dried film are slippery. Use care to avoid falls. Wash area with soap and water.

**Environmental:** Avoid release to the environment. Dispose of in accordance with local ordinances.

### Section 7: Handling and Storage

**Precautions for storage and handling:** Product should be stored tightly sealed at room temperature. **HIGHLY ALLERGIC** individuals should avoid prolonged exposure or wear gloves while handling.

### Section 8: Exposure Controls / Personal Protection

**Ventilation:** Ambient Ventilation is sufficient.

**Respiratory Protection:** None Required.

**Protective Gloves:** Only for **HIGHLY ALLERGIC** individuals.

**Eye Protection:** Not necessary under normal conditions.

**Other Protective Equipment:** None required for normal usage.

## Section 9 Physical and Chemical Properties

**Appearance:** Viscous, milky white liquid

**Odor:** Faint aromatic odor.

**pH (neat):** 3.5-5.0

**Boiling pt./ Freezing pt.:** 101°C/-8°C

**Flash point:** None

**Firepoint:** None

**Vapor Density:** Same as Water

**Vapor Pressure:** Same as Water.

**Specific Gravity:** 1.06

## Section 10 Stability and Reactivity

**Hazardous decomposition products:**

**Fumes:** (X)

**Hydrogen Chloride:** ()

**Toxic vapors amines:** ()

**Oxides of Carbon:** ()

**Oxides of Nitrogen:** ()

**Other:** (X) Over 135°C may emit toxic fumes of p-chloroaniline.

**Dangerous Polymerization:** Will not occur

**Conditions to avoid:** None Known

**Dangerous incompatibility with water:** No

**Dangerous Reactions/ Incompatibility with:** None Known

**Incompatible Materials:** Strong Oxidizing or Reducing Agents.

## Section 11: Toxicology Information:

**Components have low toxicities.**

**Volatile Organic Compounds** <0.1%

**Oral toxicity in Rats;** >5,000 mg/kg.

## Section 12: Ecotoxicology and Ecology Information:

**Components are not listed on EPA Hazardous Substance List: Chlorhexidene is extremely toxic to fish and aquatic life.**

## Section 13: Disposal Considerations:

**Do Not dispose of small quantities in sanitary sewer. Comply with all Federal, State and Local Regulations.**

**Section 14: Transportation:**

**DOT Hazard class: NA**  
**Proper Shipping Name: NA**  
**UN / NA No.: None**  
**DOT labels: No special labeling required.**  
**Other information: None**

**Section 15: Regulatory Information:**

**ACGIH TLV:NA OSHA PEL:NA**

**Section 16 Other information & Disclaimer:**

Emptied containers retain product residues. All precautions given in this data sheet must be observed. USE OF THIS MATERIAL IN ANYWAY OTHER THAN THOSE DESIGNATED ON THE LABEL IS AGAINST THE LAW. Although information contained herein is believed to be correct as of the date of this document, Ovation Science Inc. makes no representation as to the completeness or accuracy of such information. Ovation Science Inc. shall in no event be responsible for any damages directly or indirectly from use of or reliance on this information. This information is provided solely to assist the customer with the Occupational Safety and Health Act of 1970 and the Right to Know regulations. Any other use is prohibited.  
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