



## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** Zono GermFree24 (No Alcohol)

**Date of Preparation:** December 16, 2016

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Use as a hand sanitizer.

**Restrictions on use:** None known.

**Manufacturer/Supplier:** Zono USA, LLC  
1151 Broad Street, Suite 115  
Shrewsbury, NJ 07702

**Phone Number:** + 1 (732) 7-3632

**Emergency Phone Number:** 732-722-8757

### 2. HAZARD(S) IDENTIFICATION

**GHS Classification:**

Physical	Health
Not Hazardous	Not Hazardous

**Label Elements:**

None Required

**Other Hazards:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Non-Hazardous Ingredients	Mixture	90-100%

### 4. FIRST-AID MEASURES

**Description of First Aid Measures:**

**Eye:** Flush eyes with water, while holding the eye lids apart to be sure the material is washed out. Get medical attention if irritation develops or persists.

**Skin:** No first aid should be required. This product is intended for skin contact. Wash skin with water. Get medical attention if irritation develops or persists.

**Inhalation:** If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms develop or persist.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects, Acute and Delayed:** May cause slight eye, skin and respiratory irritation.

**Indication of Immediate Medical Attention and Special Treatment, If Necessary:** Immediate medical attention is generally not required.

## 5. FIRE-FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use media appropriate for the surrounding environment.

**Specific Hazards Arising From the Chemical:** Thermal decomposition may produce oxides of carbon and smoke.

**Special Protective Equipment and Precautions for Fire-Fighters:** Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid contact with eyes, skin or clothing.

**Environmental Hazards:** Avoid releases to the environment. Report spill as required by local and federal regulations.

**Methods and Materials for Containment and Cleaning Up:** Contain and recover liquid where possible. Collect using an inert absorbent material and place in appropriate containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** None required for normal use. Avoid contact with eyes, skin and clothing. Refer product label for additional information on use and handling. Follow all SDS precautions in Section 13 when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Do not contaminate water, food or feed by storage or disposal.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

Non-Hazardous Ingredients	None Established
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**Appropriate Engineering Controls:** General ventilation is adequate under normal conditions of use. Refer product label for additional information.

**Individual Protection Measures, Such As Personal Protective Equipment:**

**Respiratory Protection:** None required for normal use. In case of insufficient ventilation or where exposure is excessive, wear suitable respiratory equipment.

**Skin Protection:** Use impervious gloves to avoid prolonged skin contact.

**Eye Protection:** Wear safety glasses or other eye protection if needed to avoid eye contact.

**Other:** None required under normal conditions of use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b> Colorless liquid	<b>Flammable limits: LEL:</b> Not available <b>UEL:</b> Not available
<b>Odor:</b> Fatty odor	<b>Vapor pressure:</b> Not available
<b>Odor Threshold:</b> Not applicable	<b>Vapor density:</b> >1
<b>pH:</b> Not available	<b>Relative density:</b> 0.98-1.01
<b>Melting point/freezing point:</b> Not available	<b>Solubility(ies):</b> Soluble in water
<b>Boiling point/range:</b> 100-103°C (212-217.4°F)	<b>Partition coefficient (n-octanol/water):</b> Not available
<b>Flash point:</b> 206°C (409°F)	<b>Auto-ignition temperature:</b> Not available
<b>Evaporation rate:</b> Not available	<b>Decomposition temperature:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	

**10. STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions To Avoid:** Avoid extreme temperatures.

**Incompatible Materials:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon and smoke.

**11. TOXICOLOGICAL INFORMATION**

**Potential Health Effects:**

**Eye:** May cause slight eye irritation.

**Skin:** Prolonged contact may cause slight irritation with drying and dermatitis.

**Inhalation:** Inhalation of high concentrations of vapors may cause upper respiratory tract irritation.

**Ingestion:** Ingestion of large amounts may cause gastrointestinal distress.

**Chronic Effects:** None known.

**Carcinogenicity:** None of the components of this product are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP.

**Reproductive Effects:** This product is not classified as toxic to reproduction.

**Mutagenic Effects:** Not expected to cause mutagenic activity.

**Acute Toxicity:**

Non-Hazardous Ingredients: Not acutely toxic.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No data available. This product is not expected to be harmful to the environment.

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known.

**13. DISPOSAL CONSIDERATIONS**

**For Non-Household Settings:** Dispose in accordance with all local, state and federal regulations.

**For Household settings:** The following instructions are for consumer usage only. Do not discharge product into natural water without pre-treatment or adequate dilution.

**14. TRANSPORT INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
US DOT	None	Not Regulated	None	None	Not applicable
IMDG	None	Not Regulated	None	None	Not applicable
IATA	None	Not Regulated	None	None	Not applicable

**Special precautions:** None known

**15. REGULATORY INFORMATION**

**Safety, Health, and Environmental Regulations Specific for the Product In Question:**

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Not Hazardous

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the ingredients in this product are listed on the TSCA inventory.

**STATE REGULATIONS:**

**California Proposition 65:** This product does not contain any substances known in the State of California to cause cancer and/or reproductive harm.

**16. OTHER INFORMATION**

**HMIS Ratings:** Health – 1

Flammability – 0

Physical Hazard - 0

**NFPA Ratings:** Health – 0

Flammability – 0

Instability – 0

**SDS Revision History:** New SDS

**Date of preparation:** December 16, 2016

**Date of last revision:** None