

### 1: Identification

**Product Identifier** CERAMA BRYTE Dishwasher Cleaner  
**Other means of identification** n/a  
**Product Use** Remove scale from dishwashers  
**Manufacturer** Golden Ventures, Inc.  
7687 Winton Drive  
Indianapolis, IN 46268  
**Telephone** 317-872-2705

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call Golden Ventures, Inc.  
CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300**

### 2: Hazard Identification

**Hazard Classification** Irritant  
**Signal Word** Warning  
**Hazard Statements(s)** Irritating to eyes and skin.  
**Precautionary Statement(s)** Avoid contact with skin and eyes.  
**Hazards not Otherwise Classified** ---  
**Ingredient with unknown acute toxicity** ---



### 3: Composition/Information on Ingredients

Common Name and synonyms	CAS	Percent
Citric Acid	77-92-9	Trade Secret

\*Exact percentage withheld as trade secret

#### 4: First Aid Measures

<b>Eye Contact</b>	May cause irritation. Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	May cause irritation. Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Not an expected route of exposure. Move to fresh air in case of accidental inhalation of vapors or decomposition products. If symptoms persist, call a physician.
<b>Ingestion</b>	Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.
<b>Most important symptoms/effects, acute and delayed.</b>	None known.
<b>Indication of immediate medical attention and special treatment if necessary.</b>	Treat symptomatically.

#### 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media</b>	Use existing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	None Known
<b>Specific Hazards</b>	Produces Carbon Oxides when combusts.
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA-NIOSH (approved or equivalent) and full protective gear.

#### 6: Accidental Release Measures

<b>Personal Precautions, protective equipment and emergency procedures</b>	Avoid contact with eyes. Use personal protective equipment as required.
<b>Methods and Materials for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Cleanup Procedures</b>	Dam up. Soak up with inert absorbent material. Keep in suitable location and closed containers for disposal.

#### 7: Handling and Storage

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.
<b>Storage</b>	Keep in properly labeled containers.

## 8: Exposure Controls/Personal Protection

### Exposure Guidelines

**Engineering Controls** Showers, Eyewash Stations

### Personal Protective Equipment

**Eye/Face Protection**

No special protection required.

**Skin and Body Protection**

Wear protective gloves and protective clothing.

**Respiratory Protection**

No protective equipment is needed under normal use conditions.

**Special requirements for PPE**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9: Physical and Chemical Properties

<b>Appearance</b>	White granules	<b>Flammability Limits</b>	No information available
<b>Odor</b>	Orange	<b>Vapor pressure</b>	No information available
<b>Odor Threshold</b>	No information available	<b>Vapor density</b>	No information available
<b>pH</b>	1.8@ 25°C @5wt% conc	<b>Relative density</b>	No information available
<b>Melting Point/Freezing Point</b>	No information available	<b>Solubility(ies)</b>	No information available
<b>Initial Boiling Point and Range</b>	No information available	<b>Partition Coefficient: n-octanol/water</b>	No information available
<b>Flash point</b>	>180° F	<b>Auto-ignition temperature</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Decomposition temperature</b>	No information available
<b>Flammability (solid,gas)</b>	No information available	<b>Viscosity</b>	No information available

## 10: Stability and Reactivity

### Reactivity

**Specific Test Data** No data available.

### Chemical Stability

**Stability** Stable under recommended storage conditions.

**Stabilizers** No stabilizers needed to maintain chemical stability.  
**Safety Issues** None Known

**Other**

**Hazardous Reactions** Hazardous polymerization does not occur.  
**Conditions to Avoid** Do not mix with other household chemicals.  
**Classes of Incompatible Materials** Strong Oxidizing agents. Carbonates. Contact with metals (aluminum, zinc, tin) may release hydrogen gas.  
**Hazardous Decomposition Products** Carbon oxides.

**11: Toxicological Information**

**Information on likely routes of exposure**

<b>Production Information</b>	Product does not present an acute toxicity hazard
<b>Inhalation</b>	Specific test data for mixture is not available
<b>Eye Contact</b>	Specific test data for mixture is not available
<b>Skin Contact</b>	Specific test data for mixture is not available
<b>Ingestion</b>	Specific test data for mixture is not available
<b>Toxicological Symptoms</b>	None known
<b>Mutagenic Affects</b>	None known
<b>Reproductive Toxicity</b>	No information available
<b>STOT- single exposure</b>	None expected based on classification criteria from 2012 OSHA Hazard Communication Standard and available information.
<b>STOT – repeated exposure</b>	None expected based on classification criteria from 2012 OSHA Hazard Communication Standard and available information.
<b>Chronic Toxicity</b>	None expected based on classification criteria from 2012 OSHA Hazard Communication Standard and available information.
<b>Numerical Measures of Toxicity</b>	

**Acute Toxicity**

**12: Ecological Information**

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

**13: Disposal Considerations**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR

**Contaminated Packaging**

261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements  
Do not reuse empty containers.

**14: Transport Information**

<b>DOT</b>	Not Regulated
<b>TDG</b>	Not Regulated
<b>IMDG</b>	Not Regulated
<b>IATA</b>	Not Regulated

**15: Regulatory Information**

<b>TSCA</b>	Complies
<b>DSL</b>	All components are listed on either the DSL or NDSL

**Clean Water Act**

This product does not contain any substances as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level to releases of this material.

**16: Other Information**

<b>Issuing Date</b>	<b>7/6/17</b>
<b>Last Change</b>	<b>Updated pH to different wt% and specified temperature</b>

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with other material or in any process, unless specified in the text.