

Date Revised: February 1, 2006

### Section I. Product Identification

**Product Name:** E-Z-Gas II

**Manufacturer:** Made by Tower Laboratories, Ltd., for E-Z-EM, Inc., **Emergency/Information**

**Contact:** Adrienne Setton (E-Z-EM Inc.)

**Emergency/Information Telephone:** (800)-544-4624 or (516) 333-8230, extension 3400

**Product Codes:** 793

### Section II. Components

Components	CAS No.	%(Optional)
Sodium Bicarbonate	144-55-8	Proprietary
Citric Acid	77-92-9	Proprietary
Simethicone	63148-62-9, 7631-86-9	Proprietary
Flavors and Sweeteners		Proprietary
Sodium Saccharin	128-44-9	<0.1%

### Section III. Physical Data

**Boiling Point:** N/A

**Specific Gravity (H<sub>2</sub>O = 1):** N/A

**Vapor Pressure (mm Hg):** N/A

**Melting Point:** Not tested

**Vapor Density (Air = 1):** N/A

**Evaporation Rate (Butyl Acetate = 1):** N/A

**Solubility in Water:** Completely soluble. Will produce CO<sub>2</sub> gas.

**Appearance & Odor:** White granules, odorless.

### Section IV. Fire and Explosion Hazard Data

**Flash Point (method):** N/A

**Flammable Limits:** UEL - N/A LEL - N/A

**Fire Extinguishing Media:** Use extinguishing media that is suitable for surrounding fire.

**Special Fire Fighting Procedures:** Firefighters should wear full protective equipment and self-contained breathing apparatus with full face piece.

**Unusual Fire & Explosion Hazards:** None known

**Toxic Gases Emitted:** CO, CO<sub>2</sub>; yields sodium oxide if exposed to temperatures above 1564°F.

### Section V. Reactivity Data

**Stability:** Stable

**Conditions to avoid:** None documented

**Incompatible materials:** None known

**Decomposition products:** Not tested

**Hazardous Polymerization:** Will not occur

## Section VI. Health Hazard Data

**Permissible Exposure Limit (PEL) for nuisance dust:** Total Dust - 15 mg/m<sup>3</sup> Time Weighted Average (TWA)

**Threshold Limit Value (TLV):** Total Dust: 10 mg/m<sup>3</sup> TWA

**Short-Term Exposure Limit (STEL):** Not established

**Routes of Exposure:** Inhalation, Ingestion

**Health Hazards (acute and chronic):** Through normal routes of entry, not expected to be a hazard. May cause irritation to eyes, skin and lungs. No adverse health effects expected from chronic exposure.

**Carcinogenicity:** Sodium saccharin is listed by the NTP as a substance reasonably anticipated to be a carcinogen. **NTP:** Yes **IARC:** No **OSHA:** No

**Effects of exposure:** None known if used as directed. May cause irritation to eyes, skin and lungs.

**Medical conditions generally aggravated by exposure:** None known if used as directed.

**Emergency and First Aid procedures:**

- **Eye contact** - Flush with water for at least 15 minutes.
- **Skin contact** - Wash area thoroughly with soap and water.
- **If ingested and person is conscious** - Give several glasses of water to dilute. If irritation persists or large quantities are ingested, get medical attention.

## Section VII. Spill and Disposal Information

**Steps to be taken in case material is released or spilled:** Wear appropriate protective equipment; safety goggles and gloves. Sweep material up. Place materials in container and label properly.

**Waste Disposal Procedures:** Products are not listed hazardous wastes under RCRA. Product is not likely to qualify as characteristic hazardous waste, but any final determination depends on the specific circumstances of product usage and handling. Disposal should take place in compliance with federal, state and local laws and regulations. PLEASE NOTE THE MATERIAL GENERATES CARBON DIOXIDE GAS WHEN MIXED WITH WATER. IT IS RECOMMENDED THAT WHEN THE MATERIAL IS PLACED IN A SEALED CONTAINER THAT THE CARBON DIOXIDE BE RELEASED FROM THE CONTAINER PERIODICALLY.

## Section VIII. Handling and Storage Precautions

- Store in a cool, dry temperature (50-70 degrees F). Avoid unnecessary skin contact and inhalation.
- Do not smoke, eat or drink while handling any chemical. Practice good industrial and personal hygiene to avoid unnecessary exposure.

## Section IX. Protective Equipment

**Respiratory Protection:** If exposure limits are exceeded use a dust respirator.

**Ventilation:** Use adequate local exhaust ventilation to keep dust levels as low as possible.

**Protective Gloves:** Appropriate gloves

**Eye Protection:** Safety goggles or glasses

**Emergency Equipment:** Always ensure there is an emergency eye wash in the area.

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