

**MATERIAL SAFETY DATA SHEET**  
Complies with OSHA Hazard Communication  
Standard 29 CFR 1910.1200

HMIS: H1 F4 R0 PB  
NFPA: H1 F4 R0 P-  
LEVEL 3 AEROSOL

Identity: ECONO GAS

CODE: WOD-001

**SECTION I MANUFACTURER'S NAME & ADDRESS**

HEGAR WORLDWIDE DENTAL, INC.  
13322 BYRD DR.  
ODESSA, FL 33556

Emergency Telephone: 1-800-328-2335  
Telephone # for information: 800-328-2335  
Date Prepared: July 10, 2003  
Signature of Preparer (optional) LEO H.

**SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Chemical Abstract Service #)	OSHA PEL-TWA	ACGIH TLV-TWA	Other Limits Recommended	Percentage (Optional)
Isobutane (75-28-5)	NE ppm	NE ppm	800 ppm (Aeropress)	
Propane (74-98-6)	1000 ppm	NE ppm	1000 ppm (NIOSH)	

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point (°F): 0  
Vapor Pressure @ 70°F: 46 psig  
Vapor Density (Air = 1): 1.92  
Solubility In Water: Slight  
Appearance & Odor: Clear colorless liquified gas with very faint odor

Specific Gravity (H<sub>2</sub>O=1): 0.5538  
Melting Point (°F): NA  
Evaporation Rate: > 1  
(Butyl Acetate = 1)

**SECTION IV FIRE & EXPLOSION HAZARD DATA**

Flash Point (°F): -127, TOC  
Flammability Limit: LEL 1.8 UEL 9.5

Extinguishing Media: Water, water fog, dry chemical, CO<sub>2</sub>

Special Firefighting Procedures: Self-contained respiratory protection should be provided for fireman fighting in buildings or confined areas.

Unusual Fire & Explosion Hazards: Aerosols are under pressure. Exposure in excess of 120°F may cause bursting of can.

**SECTION V REACTIVITY DATA**

Stability: Stable  
Conditions to Avoid: Open flame  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: None known

Incompatibility (Material to avoid): Strong oxidizing agents and alkalis.

Hazardous Decomposition or Byproducts: Burns to form CO<sub>2</sub>, CO and possible incompletely decomposed materials.

**SECTION VI HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation? Yes Skin? No Ingestion? No

Health Hazards (Acute & Chronic): Inhalation of high concentrations of vapor may cause temporary nervous system depression. Vapor may cause eye irritation. Direct contact with liquid may cause freezing of the skin.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs & Symptoms of Exposure: Dizziness, headache, incoordination and loss of consciousness, gross overexposure may be fatal. Tearing or blurring of vision. Temporary alteration of the heart's electrical activity.

Medical Conditions Generally Aggravated by Exposure: Heart disease.

Emergency & First Aid Procedures: Flush eyes with water. Wash skin with soap and water. Remove patient to fresh air. Call a physician if necessary.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING & USE**

Steps to be Taken in Case Material is Released or Spilled: Avoid inhalation of concentrated vapors. Absorb spilled material with appropriate absorbent.

Waste Disposal Method: Dispose of all waste in accordance with federal, state and local regulations.

Precautions to be Taken in Handling & Storage: Keep away from heat, sparks, open flame or direct sunshine. Do not puncture or incinerate container.

Precautions: Intentional misuse by deliberately concentrating and inhaling vapor contents can be harmful or fatal.

**SECTION VIII CONTROL MEASURES**

Respiratory Protection: Not necessary under normal use.

Ventilation: Local Exhaust: Yes Special: None  
Mechanical (general): Yes Other: None

Protective Gloves: Rubber gloves.

Eye Protection: Safety glasses or goggles or face shield.

Other Protective Clothing or Equipment: Not necessary under normal use.

Work/Hygienic Practices: Wash thoroughly with soap and water after handle.

**SECTION IX DOT SHIPPING INFORMATION**

Proper Shipping Name: Consumer Commodity, Pressurized Aerosol Cans  
Hazard Class: ORM-D