

## **Safety Data Sheet (SDS)**

Product Name: 18.21 Bitters – Earl Grey

Manufacturer: 18.21 Bitters

Address: 1927 Lakeside Parkway Tucker, GA 30084

Emergency Phone: 443 413 9272

Date Prepared: July 21, 2025

### **SECTION 1 – Identification**

- Product Name: 18.21 Bitters – Earl Grey
- Recommended Use: Cocktail bitters / flavoring agent
- Restrictions on Use: Not for direct consumption in large quantities

### **SECTION 2 – Hazard Identification**

- Classification: Flammable Liquid (Category 2), Eye Irritation (Category 2A)
- Signal Word: Danger
- Hazard Statements: H225: Highly flammable liquid and vapor, H319: Causes serious eye irritation
- Precautionary Statements: Keep away from heat/sparks/open flames. Wear protective gloves/eye protection. If in eyes: rinse cautiously with water.

### **SECTION 3 – Composition/Information on Ingredients**

- Ethanol (Ethyl Alcohol) [28.06%]
- Water, Natural Extracts (Proprietary), Glycerin (if used)

### **SECTION 4 – First Aid Measures**

- Eye Contact: Rinse with water. Seek medical attention if irritation persists.
- Skin Contact: Wash with soap and water.
- Inhalation: Move to fresh air. Seek medical attention if symptoms occur.
- Ingestion: Not intended for consumption in large quantities. Seek medical attention.

### **SECTION 5 – Firefighting Measures**

- Suitable Extinguishing Media: CO<sub>2</sub>, dry chemical, foam

- Hazards: Vapors may form explosive mixtures with air.
- Protection for Firefighters: Use self-contained breathing apparatus.

### **SECTION 6 – Accidental Release Measures**

- Use non-sparking tools. Absorb with inert material. Dispose per regulations.

### **SECTION 7 – Handling and Storage**

- Store in cool, ventilated area. Keep container tightly closed.

### **SECTION 8 – Exposure Controls/Personal Protection**

- Ethanol PEL: 1000 ppm TWA (OSHA)
- PPE: Safety glasses and gloves for bulk handling

### **SECTION 9 – Physical and Chemical Properties**

- Appearance: Colored liquid
- Odor: Herbal/Spiced or Flavor-Specific Aroma
- Boiling Point: ~78°C, Flash Point: ~17°C
- Solubility: Miscible in water and alcohol

### **SECTION 10 – Stability and Reactivity**

- Stable under normal conditions. Avoid heat/flames.

### **SECTION 11 – Toxicological Information**

- Not acutely toxic at usage levels. Ethanol may cause dizziness or irritation.

### **SECTION 12 to 15 – Ecological, Disposal, Transport & Regulatory Info**

- Dispose per federal/state/local laws. DOT: UN1170, Ethanol solution, Class 3, PG II
- SARA Title III: Not listed. TSCA: All components listed.

### **SECTION 16 – Other Information**

- Prepared per OSHA HCS (29 CFR 1910.1200) and GHS. Information believed accurate but not guaranteed.