

# Safety Data Sheet

Effective Date: 04/14/2015

## Monarch Enzymatic Cleaner

### 1. Identification:

**Product Name** Monarch Enzymatic Cleaner      **Indication** Enzymatic Cleaner  
**Distributor** Air Techniques, Inc. 1295 Walt Whitman Road, Melville, New York 11747  
 Contact: 516-433-7676 [www.airtechniques.com](http://www.airtechniques.com),      Emergency: CHEMTREC 800-424-9300

### 2. Hazard Identification:

**Classification:** Inhalation - Category 4

**Hazard Pictogram:**



**Signal Word:** Warning  
**Hazard Statements:** Harmful if inhaled  
**Precautionary Statements:** For external use only  
 Do not use in or near eyes, in case of exposure rinse eyes thoroughly with water.  
 Use in a well ventilated area.  
 Keep out of reach of children.

### 3. Composition/ Information on Ingredients:

**Pure Substance/Mixture:** Mixture  
**Chemical Characterization:** Water, Non Ionic Surfactants, Chlorhexidine Gluconate, Enzymes (Amylases, Cellulases, Proteases, Lipases), Anticorrosive.

### 4. First Aid Measures:

**General:** Rinse with water      **Inhalation:** Remove victim to mild air  
**Ingestion:** Do not induce vomiting, drink quantities of water.  
**Skin contact:** If causes irritation, rinse thoroughly      **Eye contact:** Flush with water for 20 minutes.

### 5. Fire Fighting Measures:

**Suitable extinguishing media:** Use dry chemical, Alcohol Foam or CO2.  
 Use water spray to dispense vapors and cool items.  
**Specific hazards during firefighting:** Not flammable.  
**Special protective equipment for fire-fighters:** None

### 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Refer to protective measures listed in sections 7 and 8.  
**Environmental precautions:** No special environmental precautions required.  
**Methods and materials for containment and clean up:** Use paper towel to absorb, dispose with domestic garbage.

### 7. Handling and Storage:

Store in a cool, dry well ventilated location. Keep away from heat, sparks and flame. DO NOT mix with bleach or Peroxides

### 8. Exposure Controls/ Personal Protection

No specific measures required. Personal Protective Equipment not required.

### 9. Physical & Chemical Properties

Form	Color	Scent	Solidification Point	Boiling Point	Flash Point	Density	pH	Kinematic Viscosity mm <sup>2</sup> /s
Liquid	Blue	Citrus	-8 <sup>o</sup> C	105 <sup>o</sup> C	na	1.06	8.5	80

**10. Stability and reactivity:**

**Chemical Stability:** Stable under normal conditions.

**Incompatibility:** Strong oxidants, acid chlorides, silver salts

**Decomposition products:** CO<sub>2</sub>CO

**11. Toxicological Data:**

**Likely routes of exposure:** Inhalation, Ingestion, Skin and eye contact

Acute Dermal LD50>5000 mg/kg; Acute Inhalation rat LC50: 2.3 mg/L; Not found to be a dermal sensitizer:

Acute Oral LD50>5000 mg/kg; Ocular irritation 0.0 after 7 days.

Tests performed by Product Safety Labs, Dayton, NJ. Grain derived Ethanol USP. All ingredients Food or Pharma Grade

**Reproductive Hazards:** None

**Carcinogenicity:** None

**12. Ecological information**

**Surfactants are readily biodegradable linear ethanol ethoxylates. All ingredients are USP Pharma or Food Grade**

**Soil** Not evaluated **Water** Readily biodegrades

**Air** Slightly Volatile

**Disposal** Domestic

**13. Disposal considerations:** Domestic, No restrictions. Water Dilution 4:1 for flammability considerations

**14. Transport Information**

**Land**

Not regulated

**Sea**

Not regulated

**IATA**

Not regulated

**15. Regulatory**

TSCA-No reporting required all ingredients are listed in inventory.

CERCLA- No hazardous pollutants- No Ozone depletion

FDA- This product is a Class I Medical Device regulated by Federal Food, Drug and Cosmetics Act.

**16. Other Information:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to information and recommendations contained herein.