

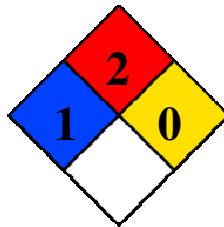
**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** QBC *F.A.S.T.* Malaria Stain  
**Catalog Number:** 427760, 427761 and 427762  
**Manufacturer:** QBC Diagnostics, Inc.  
 200 Shadylane Drive  
 Philipsburg, PA, USA  
 Telephone (814) 692-7661

**In case of an emergency, spill, fire, exposure, or accident contact:**

QBC Diagnostic Technical Support  
 866-265-1486

**2. HAZARDS IDENTIFICATION**



Health 1  
 Flammability 2  
 Chemical Reactivity 0



Highly Flammable  
 Irritating to Eyes, Respiratory system and skin

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of the substances listed below with nonhazardous additions.

Hazardous Ingredients ( <i>specific</i> )	CAS #	%
Ethanol	64-17-5	<10

**4. FIRST-AID MEASURES**

- Inhalation** IF INHALED, supply fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.
- Skin Contact** IF ON SKIN, immediately wash with soap and water and rinse thoroughly.
- Eye Contact** IF IN EYES, rinse the open eye with water for 15 minutes. Seek medical attention if irritation develops.
- Ingestion** IF SWALLOWED, immediately seek medical attention.

### 5. FIRE-FIGHTING MEASURES

**Flammability Summary**

This product is known to be flammable

**Suitable Extinguishing Agents**

Water spray, dry chemical, carbon dioxide, or foam

**Hazardous Combustion Products**

Carbon dioxide, carbon monoxide

**Special Fire-Fighting Procedure**

Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire exposed containers cool.

**Unusual Fire and Explosion Hazards**

Combustible. Vapor from the solvent may accumulate in container headspace resulting in flammability hazard.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Protection for Emergency Situations**

Use personal protection equipment. Eliminate all ignition sources.

**Measures for Environmental Protection**

Do not allow to enter sewers and surface or ground water.

**Measures for Cleaning/Collecting**

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

### 7. HANDLING AND STORAGE

**Personal Precaution**

Avoid breathing mist or vapor. Avoid contact with eyes, skin and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.

**Prevention of Fire and Explosion**

Keep away from heat and flame. Keep from contact with oxidizing materials.

**Storage**

Keep container closed and climate control

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Personal Protective Equipment**



**Ventilation**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels.

**Respiratory Protection**

If engineering controls do not maintain airborne levels below exposure limits, an approved respirator must be worn.

**Eye Protection**

Wear safety glasses with side shields. Wear a full face respirator, if needed.

**Skin Protection**

Wear chemical resistant gloves, boots, and protective clothing appropriate for the risk of exposure. Contact glove manufacturer for specific information.

**Recommended Decontamination Facilities**

Eye bath, safety shower and washing facilities.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Liquid
<b>Color</b>	Yellow
<b>Odor</b>	Characteristic solvent
<b>Melting Point</b>	Undetermined
<b>Boiling Point</b>	Undetermined
<b>Flash Point</b>	149°F (65°C)
<b>Flammability</b>	Product is flammable
<b>Explosive Limits</b>	Undetermined
<b>Vapor Density</b>	Undetermined
<b>Partition Coefficient</b>	Undetermined
<b>Decomposition Temperature</b>	Undetermined
<b>Odor Threshold</b>	Undetermined

<b>Evaporation Rate</b>	Undetermined
<b>Vapor Pressure</b>	Undetermined
<b>Auto-Ignition Temperature</b>	Undetermined
<b>Solubility in Water</b>	Soluble

## 10. STABILITY AND REACTIVITY

**Stability** Stable  
Hazardous polymerization will not occur

## 11. TOXICOLOGICAL INFORMATION

### Ethanol (CAS 64-17-5)

Eye Irritation (Rabbit): 500 mg – severe irritation  
Skin Irritation (Rabbit): 20 mg/24 H – moderate irritation  
Inhalation (rat) LC50: 20000 ppm/10 H  
Oral LD50 (guinea pig): 5560 mg/kg

### Listed Carcinogen

64175 Ethanol

Additional toxicological information may be available on request.

## 12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

Additional ecological information may be available on request.

## 13. DISPOSAL CONSIDERATIONS

QBC Diagnostics, Inc. encourages the recycle, recovery and reuse of materials, where permitted, as an alternative to disposal as a waster. However, discharge treatment or disposal may be subject to national, state or local laws. Residual vapors may explode on ignition; do not cut, drill, grind or weld near this container.

### CERCLA Hazardous Substance List (40 CFR 302.4)

64175 Ethanol      Generic RCRA Waste No. D001      RQ 100 lbs

## 14. TRANSPORT INFORMATION

### **North American Ground Transportation**

**In accordance with U.S. Department of Transportation 49 CFR 173.150(e), products associated with this document have been determined to contain at least 50% water and < 24% alcohol by volume, therefore these materials are exempt from US DOT Hazardous Material Shipping Regulations.**

### **Transport Via Water**

**Products associated with this data sheet have been previously determined to be in accordance with the International Maritime Dangerous Goods Code Special Provision 144.** Since the products associated with this document have been determined to be aqueous solutions containing < 24% alcohol by volume, these materials are exempt from the IMDG code.

### **Transport Via Air (International)**

**Products associated with this data sheet have been previously determined to be in accordance with the International Air Transport Association Dangerous Goods Regulations Special Provision A58.** Since the products associated with this document have been determined to be aqueous solutions containing < 24% alcohol by volume, these materials are exempt from the IATA DGR.

## **15. REGULATORY INFORMATION**

### **SARA Section 355 (Extremely Hazardous Substances)**

None of the ingredients listed

### **SARA Section 313 (Specific Toxic Chemical Listings)**

None of the ingredients listed

### **TSCA (Toxic Substances Control Act)**

None of the ingredients listed

### **IARC (International Agency for Research on Cancer)**

64175 Ethyl Alcohol in alcoholic beverages (Group 1)

### **NTP (National Toxicology Program)**

None of the ingredients listed

### **State Regulations**

### **California Proposition 65 – Section A – Chemicals Known to Cause Cancer**

None of the ingredients listed

**California Proposition 65 – Section B – Chemicals Known to Cause Reproductive Toxicity**

64175 Ethyl Alcohol in alcoholic beverages

**Massachusetts Right to Know List**

64175 Ethanol

**Minnesota Hazardous Substance List**

64175 Ethanol

**New Jersey Right to Know List**

64175 Ethanol

**Pennsylvania Right to Know List**

64175 Ethanol

**Rhode Island Right to Know List**

64175 Ethanol

**European Regulations**

**Austria MAK List (Annex 1)**

64175 Ethanol

**Denmark: the MAL-factor**

64175 Ethanol 7m<sup>3</sup> air/10g substance

**Netherlands**

64175 Ethanol Fertility Risk Category 1 (may harm fertility)  
Development Risk Category 1 (may harm the unborn child)  
Breastfeeding Risk (May be harmful through breast feeding)

**Norway List of Dangerous Substances**

64175 Ethanol

**Switzerland Toxins List 1**

64175 Ethanol

**16. OTHER INFORMATION**

*To the best of our knowledge, the information contained herein is accurate. However, neither QBC Diagnostics, Inc. or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**Issued by: QBC Quality Department**

**Prepared Date: 08/15/2011**

**Contact: Technical Service Representative**