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.

<table>
<thead>
<tr>
<th>Hazardous Ingredients (specific)</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES
Inhalation  IF INHALED, supply fresh air. Seek medical attention if breathing becomes difficult or is 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
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 labels 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic solvent</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Flash Point</td>
<td>149°F (65°C)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Product is flammable</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Undetermined</td>
</tr>
</tbody>
</table>
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 7m³ 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