

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: QBC *F.A.S.T.* Malaria Stain
Catalog Number: 427760, 427761 and 427762
Manufacturer: Drucker Diagnostics
200 Shady Lane Suite 170
Philipsburg, PA, 16866 USA
Telephone (814) 692-7661

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

Drucker Diagnostic Technical Support
866-265-1486

2. HAZARDS IDENTIFICATION

Classifications:

Flammable liquids (Category 2)
Skin irritation (Category 2)
Eye irritation (Category 2B)
Specific target organ toxicity - single exposure (Category 3)
Acute aquatic toxicity (Category 2)



Hazard statement(s):

H225 Highly flammable liquid and vapour.
H315 + H320 Causes skin and eye irritation.
H335 May cause respiratory irritation.
H401 Toxic to aquatic life.

Precautionary statement(s):

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P103 Read label before use

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 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

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 wash, safety shower and washing facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Yellow
Odor	Characteristic solvent
Melting Point	Undetermined
Boiling Point	Undetermined
Flash Point	149°F (65°C)
Flammability	Product is flammable
Explosive Limits	Undetermined
Vapor Density	Undetermined
Partition Coefficient	Undetermined
Decomposition Temperature	Undetermined
Odor Threshold	Undetermined
Evaporation Rate	Undetermined
Vapor Pressure	Undetermined
Auto-Ignition Temperature	Undetermined
Solubility in Water	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

Drucker Diagnostics 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 Drucker Diagnostics 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: Drucker Diagnostics Quality Department
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