

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** QBC *F.A.S.T.*™ Rapid Stain  
Decolorizer/Quencher

**Catalog Number(s):** 427400, 427404, 427408, 427409, 427414, 427422,  
427424, 427425

**Manufacturer:** Drucker Diagnostics  
168 Bradford Drive  
Port Matilda, PA, 16870 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 :** Specific Target Organ Toxicity (Single Exposure) – Category 2  
Flammable liquids – Category 2  
Specific Target Organ Toxicity (Repeated Exposure) – Category 2  
Skin Irritation – Category 3  
Eye Irritation – Category 2B



**Health Statements:**

H225 Highly flammable liquid and vapour.  
H302/H312/H332 Harmful by inhalation, in contact with skin and if swallowed.  
H313 May be harmful in contact with skin  
H315/H320/H335 Irritating to eyes, respiratory system and skin  
H333 May be harmful if inhaled  
  
H318 May cause serious eye damage

QBC *F.A.S.T.*™ Rapid Stain Decolorizer/Quencher (427400, 427404, 427408, 427409,  
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Revision D

H373 May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements:**

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  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P262 Avoid contact with skin and eyes  
P305+351+338 In case of contact with eyes: rinse immediately with plenty of water and seek medical advice.  
P281 Wear protective gloves/protective clothing/eye protection/face protection  
P314 In case of accident or if you feel unwell seek medical attention immediately, (show the label where possible)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of the substances listed below with nonhazardous additions.

<b>Hazardous Ingredients (<i>specific</i>)</b>	<b>CAS #</b>	<b>%</b>
Hydrochloric Acid	7647-01-0	< 1%
Ethanol	64-17-5	< 90%

**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.  
**Ingestion** IF SWALLOWED, immediately seek medical attention. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

## **5. FIRE-FIGHTING MEASURES**

### **Unusual Fire and Explosion Hazards**

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

### **Flammability Summary**

Product is flammable.

### **Suitable Extinguishing Agents**

For small fires, use CO<sub>2</sub>, ABC Multipurpose Dry Chemical, Water Spray or Alcohol Resistant Foam.

Fight larger fires with water spray or alcohol resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective.

### **Unsuitable Extinguishing Agents**

DO NOT use straight streams of water.

### **Protective Equipment**

Wear self contained breathing apparatus and protective clothing.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Person Related Safety Precautions**

Avoid breathing vapors, mists, or gas. Prevent contact with skin and eyes. Ensure adequate ventilation. Evacuate personnel to safe areas.

### **Personal Protection for Emergency Situations**

Use the personal protection equipment recommended in Section 8.

### **Measures for Environmental Protection**

Wipe up with a damp sponge or mop. Do not let product enter drains.

### **Measures for Cleaning/Collecting**

Use personal protection equipment recommended in Section 8  
Refer to Section 13 for specific disposal information.

## **7. HANDLING AND STORAGE**

### **Handling**

#### **Information for safe handling:**

Keep in a dry place. Avoid contact with skin and eyes. Avoid breathing vapors and mists. Wash thoroughly after handling.

#### **Prevention of Fire and Explosion**

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

### **Storage**

#### **Requirements to be met by storerooms and receptacles:**

Keep container closed tightly in a dry place with adequate ventilation.

**Information about storage in one common storage facility:**

Store away from oxidizing agents, perchlorates, peroxides, chromic acid or nitric acid.

**Further information about storage conditions:**

Keep containers upright.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Components with Limit Values that Require Monitoring at the Workplace**

7647-01-0 hydrochloric acid	
PEL	Short-term value: C7 mg/m <sup>3</sup> , C 5 ppm
REL	Short-term value: C7 mg/m <sup>3</sup> , C 5 ppm
TLV	Short-term value: C2.98 mg/m <sup>3</sup> , C 5 ppm

**Personal Protective Equipment**



**Respiratory Protection**

Where job risk management indicates that respiratory protection is required, respirators should be tested and approved to appropriate regulator standards (e.g. NIOSH (U.S.A.))

**Hand Protection**

Chemical resistant gloves (i.e. nitrile)

**Eye Protection**

Safety glasses or face shield

**Body Protection**

Protective work clothing (i.e. lab coat)

**Hygiene Measures**

Wash any affected areas with soap and water if contact occurs. Thoroughly wash hands, forearms, and face with soap and water before eating, drinking using tobacco products, using toilet facilities, applying cosmetics, or taking medication. Do not eat, drink, use tobacco products, apply cosmetics, or take medications where the product is handled or stored.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Liquid
<b>Color</b>	Blue to purple
<b>Odor</b>	Characteristic
<b>Melting Point</b>	Not Applicable
<b>Boiling Point</b>	176.36 °F (80.2 °C)
<b>Flash Point</b>	149°F (65°C)
<b>Flammability</b>	Product is flammable
<b>Danger of Explosion</b>	Product does not present an explosion hazard
<b>Density</b>	Undetermined
<b>Solubility</b>	
<b>In Water</b>	Soluble
<b>pH</b>	Not Applicable
<b>Solvent Contents</b>	< 90%
<b>Vapor density (air = 1.0)</b>	Not Determined
<b>Vapor pressure (mmHg)</b>	Not Determined

**10. STABILITY AND REACTIVITY**

**Thermal Decomposition**

No decomposition if used according to specifications

**Conditions to Avoid**

Incompatible materials, ignition sources, excess heat, oxidizers, strong acids and bases.

**Dangerous Reactions**

No dangerous reactions known

**Dangerous Products of Decomposition**

Carbon monoxide, irritating and toxic fume and gases, carbon dioxide, sulfur and nitrogen oxides.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity</b>	No toxicity effects known
<b>Skin irritation/corrosion</b>	Irritant to skin
<b>Eye damage/irritation</b>	Irritant to eyes
<b>Respiratory or skin sensitization</b>	No sensitizing effects known

<b>Reproductive cell mutagenicity</b>	No reproductive cell mutagenicity effects known
<b>Carcinogenicity</b>	No carcinogenicity effects known
<b>Reproductive Toxicity</b>	No reproductive toxicity effects known
<b>Specific Target Organ Toxicity</b>	
<b>Single Exposure</b>	No toxicity effects known
<b>Repeated Exposure</b>	Target Organs: liver, gastrointestinal tumors, blood, lymphomas, thyroid, kidney, ureter or bladder tumors
<b>Aspiration Hazard</b>	No aspiration hazards known

## 12. ECOLOGICAL INFORMATION

The ecological effects have not been thoroughly investigated, but currently none have been identified.

Water Hazard Class 1 (Self-Assessment): slightly hazardous for water

## 13. DISPOSAL CONSIDERATIONS

Drucker Diagnostics encourages the recycle, recovery and reuse of materials, where permitted, as an alternative to disposal as waste. 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 48 CFR 173 and the applicable sections governing the transport of flammable liquids, it has been determined that the listed product is categorized as UN 1170, Class 3, Packaging Group II, flammable liquid. Drucker Diagnostics therefore asserts that the listed product complies with all safety, packaging, and transportation requirements as outlined in the US DOT Hazardous Material Shipping Regulations.**

**Transport Via Water**

**In accordance with International Maritime Dangerous Goods Code and the applicable provisions governing the transport of flammable liquids, it has been determined that the listed product is categorized as UN 1170, Class 3, Packaging Group II, flammable liquid. Drucker Diagnostics therefore asserts that the listed product complies with all safety, packaging, and transportation requirements as outlined in the International Maritime Dangerous Goods Code Regulations.**

**Transport Via Air (International)**

**In accordance with the International Air Transport Association Dangerous Goods Regulations it has been determined that the listed product is categorized as UN 1170, Class 3, Packaging Group II, flammable liquid. Drucker Diagnostics therefore asserts that the listed product complies with all safety, packaging, and transportation requirements as outlined in the International Air Transport Association Dangerous Goods Regulations Special Provision A9 & A58.**

**15. REGULATORY INFORMATION**

**SARA Section 302 (Chemical subject to Act)**

The listed product contains Hydrochloric Acid (7647010) but in a quantity less than 1% by volume and thus is not subject to this regulation.

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

The listed product contains Hydrochloric Acid (7647010) but in a quantity less than 1% by volume and thus is not subject to this regulation.

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

None of the ingredients listed

**TSCA (Toxic Substances Control Act)**

None of the ingredients listed

**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**

None of the ingredients listed

**California Proposition 65 – Chemicals Known to Cause Developmental Toxicity**

None of the ingredients listed



**16. OTHER INFORMATION**

*To the best of our knowledge, the information contained herein is accurate. However, neither Drucker Diagnostics nor 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.*

**Issue By: Drucker Diagnostics Quality Department**

**Prepared Date:** 12/20/2012

**Contact:** Technical Service Representative