

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: QBC Synthetic Controls

Catalog Number(s): 424306, 424307

Intended Product Use:

As a quality control material for QBC Autoread Plus hematology system

Manufacturer: Drucker Diagnostics
200 Shadylane Drive
Philipsburg, PA, 16686 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 Liquid – Category 4
Skin Irritation – Category 3
Eye Irritation – Category 2B
TOST Repeated Exposure – Category 2



Health Statements:

H227 Combustible liquid
H302/312 Harmful if swallowed, in contact with skin, or if inhaled
H316/H320/H335 Causes skin, eye, and respiratory irritation
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
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – no smoking
P262	Avoid contact with skin and eyes
P270	Do not eat, drink, or smoke when using this product
P281	use personal protective equipment as required
P301+312	If swallowed, call a poison center or doctor/physician if you feel unwell
P302+352	If on skin, wash with soap and water
P304+341	If inhaled, if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P308+313	If exposed or concerned, get medical advice/attention
P314	In case of accident or if you feel unwell seek medical attention immediately, (show the label where possible)
P332+313	If skin irritation occurs, get medical advice/attention
P404	Store in a closed container
P404+233	Store in a well ventilated place. Keep container tightly closed
P403+235	Store in a well ventilated place. Keep cool

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the substances listed below with nonhazardous additions.

Ingredients (<i>specific</i>)	CAS #	%
Sucrose	57-50-1	< 20%
Peanut Oil	8002-03-7	< 60%
Ethanol	64-17-5	< 1%

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

Prevent contact with eyes and skin

Flammability Summary

Product is not known to be combustible, pyrophoric or explosive.

Suitable Extinguishing Agents

CO₂, ABC Multipurpose Dry Chemical or Water Spray

Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Agents

Not Applicable

Protective Equipment

Wear self contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Person Related Safety Precautions

Prevent contact with skin and eyes.

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.

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.

Information about protection against explosion and fires:

No special measures required.

Storage

Requirements to be met by storerooms and receptacles:

Keep container closed tightly in a dry place.

Further information about storage conditions:

Keep containers upright.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
Exposure Guidelines:

Ingredients (specific)	CAS #*	Type*	Value*
Sucrose	57-50-1	N/A	N/A
Peanut Oil	8002-03-7	N/A	N/A
Ethanol	64-17-5	LD ₅₀ oral	7060 mg/kg (Rat)
		LD ₅₀ dermal	N/A
		LC ₅₀	200000 ppm (Rat)

*This Information was taken from the MSDS' of the individual chemicals

Personal Protective Equipment


Hand Protection
Eye Protection
Hygiene Measures

Chemical resistant gloves (i.e. nitrile)
 Safety glasses
 Wash any affected areas with soap and water if contact occurs. Thoroughly wash hands 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

Form	Aqueous/Oil Immersion
Color	Blue
Odor	Mild
Melting Point	Undetermined
Boiling Point	Undetermined
Flash Point	Not Applicable
Flammability	Product is flammable
Danger of Explosion	Product does not present an explosion hazard
Density	Undetermined
Solubility In Water	Insoluble
pH	Not Applicable
Solvent Contents	Not Determined

Vapor density (air = 1.0) Not Determined
Vapor pressure (mmHg) Not Determined

10. STABILITY AND REACTIVITY

Stability Stable
Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No acute toxicity effects known
Skin irritation/corrosion	Irritant to skin
Eye damage/irritation	Irritant to eyes
Respiratory or skin sensitization	No sensitizing effects known
Reproductive cell mutagenicity	No reproductive cell mutagenicity known
Carcinogenicity	No carcinogenicity effects known
Reproductive Toxicity	No reproductive toxicity effects known
Specific Target Organ Toxicity	
Single Exposure	No toxicity effects known
Repeated Exposure*	Target Organs: Blood, liver, kidney, respiratory system and skin
Aspiration Hazard	No aspiration hazards known

*This Information was taken from the MSDS' of the individual chemicals

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal of Product

This product is not considered a RCRA hazardous waste
Dispose of materials in accordance with federal, state and local requirements.

Disposal of Uncleaned Packaging

Dispose of materials in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

It is the determination of Drucker Diagnostics that the product does not meet the basic description of a Hazardous Material or Dangerous Good under the DOT, IATA or IMDG transportation regulations.

DOT Regulations

Hazard Class Not Applicable

Land Transport ARD/RID

Hazard Class Not Applicable

Maritime transport IMDG

Hazard Class Not Applicable

Marine Pollutant No

Air Transport ICAO-TI and IATA-DGR

Hazard Class Not Applicable

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

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

IARC (International Agency for Research on Cancer)

None of the ingredients listed

NTP (National Toxicology Program)

None of the ingredients listed

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.

Issue By: Drucker Diagnostics Quality Department

Prepared Date: 5/28/14

Contact: Technical Service Representative