

1. Information of the substance/preparation and of the company	
1.1 Commercial product name	FRUCTOSAMINE KIT
Cat. No.:	FRU500
1.2 Company:	Polymedco, Inc. 510 Furnace Dock Road Cortlandt Manor NY 10567
1.3 In Emergencies:	Tel: (800) 431-2123; Fax: (914) 739-5890

2. Composition / Hazardous Ingredients	
REAGENT 1 Chemical Name: Proteinase Enzyme Cholic Acid EPPS N-(2-hydroxyethyl)piperazine-N'-3-propanesulfonic acid)	Initial Concentration: 9% w/w 40% w/w 36% w/w
Classification:	HARMFUL
REAGENT 2 Chemical Name: EDTA Ethylenediaminetetraacetic acid EPPS N-(2-hydroxyethyl)piperazine-N'-3-propanesulfonic acid)	Initial Concentration: 25% w/w 20% w/w
Classification:	IRRITANT

3. Hazards identification	
REAGENT 1 Warnings: Risk phrases: Safety phrases:	May cause respiratory irritation and/or sensitisation Irritating to eyes, respiratory system and skin. Avoid contact with skin, avoid inhalation and ingestion. For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. R42 May cause sensitisation by inhalation R36/37/38 Irritating to eyes, respiratory system and skin. S22 Do not breathe dust. S37/39 Wear suitable gloves and eye/face protection.
REAGENT 2 Warnings: Risk phrases: Safety phrases:	Irritating to eyes, respiratory system and skin. Avoid contact with skin, avoid inhalation and ingestion. For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. R36/37/38 Irritating to eyes, respiratory system and skin. S24/25 Avoid contact with skin and eyes

	S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
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4. First aid measures for both the Fructosamine Reagent 1 & 2	
Emergency First Aid:	Call an internal First Aider where available or else contact a physician immediately. Direction for First Aider or Physician:
Inhalation:	Casualty should cough, blow nose to expel dust. Casualty should seek fresh air.
Ingestion:	If casualty is conscious and co-operative wash mouth with water. Washings should not be swallowed.
Skin Contact:	Wash with plenty of cold water. Seek medical assistance if symptoms persist.
Eye Contact:	Wash with plenty of cold water. Irrigate for at least ten minutes. Seek medical assistance if symptoms persist.

5. Fire-fighting measures	
Flash point:	Not determined
Flammable limits:	Not determined
Extinguishing media:	No restriction
Special Fire Fighting Procedures:	None has been identified
Unusual Fire and Explosion Hazards:	Not known
Thermal decomposition:	Not determined

6. Accidental release measures	
After spillage of Reagent 1:	To avoid exposure to respiratory sensitisers the following hygiene measures should be employed. Promptly clear up liquid spills – do not allow to dry and form dusts. Clear up solid spills promptly and thoroughly without raising dust, e.g. use damp paper towel. Take care not to generate aerosols with the material, for example when mixing/dissolving solid. This material may be disposed of by dissolution and putting to drain. Consult local sewerage, if in doubt.
Absorbent material:	Damp paper towel
After spillage of Reagent 2:	Clear up solid spills promptly and thoroughly without raising dust, e.g. use damp paper towel. This material may be disposed of by dissolution and putting to drain. Consult local sewerage, if in doubt.
Absorbent material:	Damp paper towel

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7. Handling and storage	
7.1 Handling:	Avoid contact with eyes, skin and clothing. Do not breathe dust. Do not ingest. Wash hands thoroughly after use. Do not pipette by mouth. The solid material should be handled suitably with ventilation; such as Reverse Flow Dust Cabinet. Where indicated by Risk Assessment, control measures may need to be gloves, eye protection and air filtering respirator.
7.2 Storage	Store at temperatures and conditions as indicated on the product label
Do not store together:	N/A

8. Exposure controls/personal protection	
MEL/OES	Not determined
Respiratory protection:	Reverse Flow Dust Cabinet or an air Filtering Respirator
Eye protection:	Protective glasses
Hand protection:	Standard laboratory rubber or latex gloves.
Skin protection:	A laboratory coat or apron is recommended

9. Physical and chemical properties	
Physical state:	R1 & R2: Lyophilised pellet
Colour:	R1: Pale Pink Pellet, R2: Pale Yellow Pellet
Odour:	Not determined
pH value:	Not determined
Boiling point	Not determined
Melting point:	Not determined
Oxidising properties:	Not determined
Ignition temperature	Not determined
Explosion limits:	Not determined
Density:	Not determined
Solubility in water:	Soluble

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10. Stability and reactivity	
Stability:	Not determined
Conditions to avoid:	Not determined
Substances to avoid:	Not determined
Hazardous decomposition products:	Not determined

11. Toxicological information:	
LD50 oral	Not determined
LD50 intraperitoneal	Not determined
LD50 skin	Not determined
LC50 inhalation	Not determined
Toxicologic information:	Not determined

12. Ecological information	
Water hazard class:	There are no likely adverse effects on the aquatic environment in quantities likely to be encountered in normal laboratory practice.

13. Disposal	
	<p>Each disposal facility must determine proper disposal methods of the substance or preparation and any contaminated packaging to comply with Local and National Environmental Regulations</p> <p>Refer to Section 6.</p>

14. Transport Information			
GGVE/GGVS:	Data not yet available	RID/ADR	Data not yet available
ICAO/IATA-DGR:	Data not yet available	UN-Nr.:	Data not yet available
IMDG-CODE:	Data not yet available	MFAG	Data not yet available
		EMS:	Data not yet available

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15. Regulatory information	
REAGENT 1:	
Hazard symbol:	Harmful Xn
Risk phrases:	R42 May cause sensitisation by inhalation. R36/37/38 Irritating to eyes, respiratory system and skin.
Safety phrases:	S22 Do not breathe dust. S37/39 Wear suitable gloves and eye/face protection.
Precautions:	May cause respiratory irritation and/or sensitisation. Irritating to eyes, respiratory system and skin. (See Section 3)
REAGENT 2:	
Hazard symbol:	Irritant Xi
Risk phrases:	R36/37/38 Irritating to eyes, respiratory system and skin.
Safety phrases:	S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable gloves and eye/face protection.
Precautions:	Irritating to eyes, respiratory system and skin. (See Section 3)

16. Other information	
	The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our products is responsible for observing any National laws and guidelines applicable.