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SECTION I - IDENTIFICATION

PRODUCT NAME: **D-TEC CB**
Canine Brucellosis Antibody Test Kit

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS CHEMICAL NAME (SYNONYM)	%	EXPOSURE LIMIT/TOXICITY DATA			CAS NUMBER
		TLV	Tox. Data	PEL	
2-Mercaptoethanol (Reagent C)	1.4	N/A	Rat (oral) LD50 330 mg lkg	N/A	60-24-2

SECTION III - PHYSICAL DATA

PRODUCT/COMPONENT:	2-Mercaptoethanol
APPEARANCE AND ODOR:	Colorless liquid, odor of rotten eggs.
BOILING POINT (°C):	170 ⁰
VAPOR PRESSURE (mmHg):	1.2 mmHg @ 20 °C
VAPOR DENSITY (Air=1):	N/A
SPECIFIC GRAVITY (H ₂ O=1):	N/A
EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	Appreciable

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SECTION IV - FIRE AND EXPLOSION DATA

PRODUCT/COMPONENT:	2-Mercaptoethanol
FLASH POINT:	67 °C. Setaflash closed cup
FIRE & EXPLOSION HAZARDS:	Fire or excessive heat may produce hazardous decomposition products
EXTINGUISHING MEDIA:	Water spray, dry chemical, carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self-contained breathing apparatus and protective clothing.

SECTION V - REACTIVITY DATA

PRODUCT/COMPONENT:	2-Mercaptoethanol
STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong oxidizers
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Combustion will produce carbon dioxide & probably carbon monoxide. Oxides of sulfur may be present.

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SECTION VI - HEALTH HAZARD DATA

For 2-Mercaptoethanol Component:

EXPOSURE EFFECTS: Eyes - May cause irritation
 Skin - May cause irritation.
 Inhalation - May cause irritation to the respiratory tract.
 Ingestion - May be harmful if swallowed.

FIRST AID: Eyes - Flush with copious amounts of water for at least 15 min.
 Skin - Flush with copious amounts of water for at least 15 min,
 while removing contaminated clothing and shoes. If
 irritation develops seek medical attention. Thoroughly clean all
 contaminated articles, including shoes, before reuse.
 Inhalation - Remove to fresh air. Treat symptomatically.
 Ingestion - Induce vomiting as directed by medical personnel.
 Never give anything orally to an unconscious person. Contact a
 physician or poison control center immediately.

SECTION VII - SPECIAL PROTECTION INFORMATION

For 2-Mercaptoethanol Component:

RESPIRATORY
PROTECTION: None required.

VENTILATION: None required.

PROTECTIVE GLOVES: Recommended.

EYE PROTECTION: Safety goggles are recommended.

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SECTION VIII - SPILL OR LEAK PROCEDURES

For 2-Mercaptoethanol Component:

SPILL: Dilute with water and flush to drain.

SECTION IX - SPECIAL STORAGE AND DISPOSAL PROCEDURES

For 2-Mercaptoethanol Component:

STORAGE: Not applicable. Store as indicated on package insert.

DISPOSAL: Dispose routinely in trash.

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