



MATERIAL SAFETY DATA SHEET

qLabs® Vet Coag Panel 2 Test Strips

MSDS DATE: 2020-01-10

FILE NO.: MSDS006
Document Revision No.: A3

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: qLabs® Vet Coag Panel 2 Test Strips
SYNONYMS: Prothrombin Time (PT) and Activated Partial Thromboplastin Time (APTT)
PRODUCT CODES: QSV-1

MANUFACTURER: Micropoint Biotechnologies Co., Ltd.
DIVISION: N/A
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CHEMICAL NAME: Does not apply
CHEMICAL FAMILY: Does not apply
CHEMICAL FORMULA: Does not apply

PRODUCT USE:

The qLabs® Vet Coag Panel 2 test strip is designed to provide quantitative determination of Prothrombin Time (PT) and Activated Partial Thromboplastin Time (APTT). The qLabs® Vet Coag Panel 2 test is performed on the QV-1 qLabs® Vet instrument using fresh venous blood and citrated whole blood. It assists in the diagnosis and evaluation of excessive bleeding, hereditary bleeding disorders, disseminated intravascular coagulopathy (DIC), rodenticide poisoning, hepatic disease and monitoring therapy and progression of disease states.

PREPARED BY: Micropoint Biotechnologies Co., Ltd.

SECTION 1 NOTES:

The chemical components are completely self contained within the test strip. There is no release of material before, during , or after proper usage of the product. The exterior of the product is non-hazardous plastic.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Does Not Apply

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
N/A	N/A	N/A	N/A
	ppm	mg/m ³	
OSHA PEL-TWA:	N/A	N/A	
OSHA PEL STEL :	N/A	N/A	
OSHA PEL CEILING:	N/A	N/A	
ACGIH TLV-TWA:	N/A	N/A	
ACGIH TLV STEL:	N/A	N/A	
ACGIH TLV CEILING:	N/A	N/A	

SECTION 2 NOTES: A single use, disposable strip

The disposable strip will be a built from several plastic layers, bonded together by pressure sensitive adhesive films. The strip will contain the following functional areas and attributes:

1. An entry port through which a drop of blood may be added
2. Channels connecting the entry port to two separate clot reaction zones
3. Vents at the upper end of the channels
4. Reagent films located in the channels or clot reaction zones
5. Electrode traces connecting the reaction zones to sensors in the meter



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SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: The chemical, physical and toxicological properties of this preparation have not been thoroughly characterized. Avoid contact with eyes and skin. Do not ingest or inhale.

ROUTES OF ENTRY: Occupational exposure routes may include eye and skin contact.

POTENTIAL HEALTH EFFECTS

EYES: No data available. Eye exposure may cause irritation, redness and watering

SKIN: No data available. Skin contact may cause irritation, dryness and redness.

INGESTION: No data available.

INHALATION: No data available.

ACUTE HEALTH HAZARDS: No data available.

CHRONIC HEALTH HAZARDS: No data available.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No data available.

CARCINOGENICITY: does not apply

OSHA: n/a

ACGIH: n/a

NTP: n/a

IARC: n/a

OTHER: n/a

SECTION 3 NOTES: None

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of tepid water for 15 minutes while separating eyelids with fingers. Remove contact lenses if worn. Obtain medical attention if needed or if symptoms, such as redness or irritation persist.

SKIN: In case of contact, flush skin with copious amounts of cool water and remove contaminated clothing. Obtain medical attention if needed or if irritation or other symptoms develop.

INGESTION: In case of ingestion, contact a poison control center or physician for instructions.

INHALATION: If inhaled, move from exposure area to fresh air. Seek medical attention if breathing becomes difficult or if cough or other symptoms develop.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: No data available
(% BY VOLUME) LOWER: No data available

FLASH POINT: No data available

F: No data available

C: No data available

METHOD USED: No data available

AUTOIGNITION TEMPERATURE:

F: No data available



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C: No data available

NFPA HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
OTHER: No data available

HMS HAZARD CLASSIFICATION

HEALTH: n/a FLAMMABILITY: n/a REACTIVITY: n/a
PROTECTION: n/a

EXTINGUISHING MEDIA: Use extinguishing media suitable for surrounding fire, such as carbon dioxide, chemical foam, dry chemical or water spray.

SPECIAL FIRE FIGHTING PROCEDURES: No data available

UNUSUAL FIRE AND EXPLOSION HAZARDS: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

SECTION 5 NOTES: Firefighters should wear NIOSH-approved or equivalent Self-Contained Breathing Apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wear Personal Protective Equipment (PPE) as required. Avoid physical contact with material. Wash hands thoroughly after handling.

SECTION 6 NOTES: Absorb spill with inert material/sorbent. Decontaminate the spill site following standard procedures. Dispose of materials in accordance with all applicable federal, state, local and provincial environmental regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store and handle according to packaged instructions

OTHER PRECAUTIONS: None

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None

VENTILATION :General room ventilation

RESPIRATORY PROTECTION: Not required under intended use and handling.

EYE PROTECTION: Not required under intended use and handling

SKIN PROTECTION: Not required under intended use and handling

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: None

EXPOSURE GUIDELINES: No data available

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



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APPEARANCE: Plastic strip

ODOR: None

PHYSICAL STATE: Solid Plastic

pH AS SUPPLIED: Does not apply

pH (Other): Does not apply

BOILING POINT: Does not apply

F: Does not apply

C: Does not apply

MELTING POINT: Does not apply

F: Does not apply

C: Does not apply

FREEZING POINT: Does Not Apply

F: Does not apply

C: Does not apply

VAPOR PRESSURE (mmHg): Does not apply

@

F: Does not apply

C: Does not apply

VAPOR DENSITY (AIR = 1): Does not apply

@

F: Does not apply

C: Does not apply

SPECIFIC GRAVITY (H2O = 1): Does not apply

@

F: Does not apply

C: Does not apply

EVAPORATION RATE: Does not apply

BASIS (=1): Does not apply

SOLUBILITY IN WATER: Some components are soluble

PERCENT SOLIDS BY WEIGHT: Does not apply

PERCENT VOLATILE: Does not apply

BY WT/ BY VOL @

F: Does not apply

C: Does not apply

VOLATILE ORGANIC COMPOUNDS (VOC): Does not apply

WITH WATER:	n/a	LBS/GAL
WITHOUT WATER:	n/a	LBS/GAL

MOLECULAR WEIGHT: Does not apply

VISCOSITY: Does not apply

@

F: Does not apply

C: Does not apply

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

X STABLE

UNSTABLE

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Excess heat, refer to package insert and instruction manual



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INCOMPATIBILITY (MATERIAL TO AVOID): Does not apply

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No Data available

HAZARDOUS POLYMERIZATION: No Data available

CONDITIONS TO AVOID (POLYMERIZATION): No Data available

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No Data available

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Data available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of unused product, spilled material and waste in accordance with all applicable federal, state, local and provincial environmental and hazardous waste regulations.

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS: Not classified as dangerous goods. Not regulated per IATA and DOT regulations

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT: Plastic Parts

WATER TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS: Not classified as dangerous goods. Not regulated per IATA and DOT regulations

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS: Plastic Parts

AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS: Not classified as dangerous goods. Not regulated per IATA and DOT regulations.

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS: Plastic Parts

OTHER AGENCIES: No data available

SECTION 14 NOTES: None



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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: This preparation is a component of an SFDA-regulated in vitro diagnostic device

Inventory - United States - Section 8(b) Inventory (TSCA):

STATE REGULATIONS: No data available

INTERNATIONAL REGULATIONS: If approved for European Communities use, this product is regulated under the In Vitro Diagnostic Medical Devices Directive (98/79/EC).

SECTION 15 NOTES: This preparation is not classified as hazardous under U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30. None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: This MSDS has been prepared in accordance with the ANSI Z400.1 format. Every effort has been made to adhere to the hazard criteria and content requirements of the U.S. OSHA Hazard Communication Standard, Canadian Controlled Products Regulation (CPR), UKChemical Hazard Information and Packaging Regulations, European Communities REACH Regulation, and UN Globally Harmonized System of Classification and Labeling of Chemicals

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