1. INFORMATION OF THE SUBSTANCE /PREPARATION AND COMPANY

1.1 Product name : Liquiplastin
Catalogue No. : 10610005, 106100128, 10610125, 106100004, 106100124, 106100008, 1061001L

Kit components : Liquid Calcified Thromboplastin Reagent
Package Insert

1.2 Intended use : In Vitro Diagnostic Use.

1.3 Company : Tulip Diagnostics (P) Ltd.
Plot Nos. 92/96, Phase II C,
Verna Industrial Estate,
Verna, Goa 403 722
INDIA
Telephone : +91-832-6624555
E-mail : sales@tulipgroup.com

1.4 In emergencies Call your local emergency center

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to regulation (EC) No. 1272/2008
The mixture is classified as non hazardous according to Regulation (EC) No. 1272/2008

2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008
Hazard pictogram : None
Signal word : None
Hazard statements : None

2.3 Other hazards
None

3. COMPOSITION /INFORMATION ON INGREDIENTS

Liquiplastin reagent contains 0.01% Thimerosal (cas No -54-64-8) (EC) No. 200-210-4 The classification of (0.01%) according to regulation (EC) no1272/2008 is H317,H413.

4. FIRST AID MEASURES

Eye contact :- Rinse immediately with water. Do not apply neutralizing agents. Consult a doctor/medical service

Skin contact :- Rinse with water, Consult a doctor/medical service if irritation persists

After inhalation :- Remove the victim into fresh air,Unconscious: maintain adequate airway and respiration.Consult a doctor/medical service if breathing problems develop

After swallowed :- wash out mouth with plenty of water. Drink plenty of water. Call a Doctor or medical service.
5. **FIRE FIGHTING MEASURES**

**Suitable extinguishing media:**
- All non combustible extinguishing media allowed
- For surrounding fires: all extinguishing media allowed

**Unsuitable extinguishing media:**
- No data available

**Special exposure hazards:**
- On heating/burning: formation of small quantities of nitrous vapors, carbon monoxide, carbon dioxide

**Instructions:**
- Take account of toxic firefighting water
- Use firefighting water moderately and contain it

**Special protective equipment for firefighters:**
- Heat/fire exposure: compressed air/oxygen apparatus
- Heat/fire exposure: gas-tight suit

6. **ACCIDENTAL RELEASE MEASURES**

**Personal protection:** see 8

**Environmental precautions:**
- Prevent soil and water pollution
- Substance must not be discharged into the sewer
- Contain leaking substance, pump over in suitable containers
- Plug the leak, cut off the supply
- Dam up the liquid spill

**Clean-up:**
- Take up liquid spill into absorbent material
- Scoop absorbed substance into closing containers
- Carefully collect the spill/leftovers
- Clean contaminated surfaces with an excess of water
- Wash clothing and equipment after handling

7. **HANDLING AND STORAGE**

**Handling:**
- Observe normal hygiene standards
  - Do not discharge the waste into the drain
  - Remove and clean contaminated clothing

**Storage:**
- Provide for a tub to collect spills
- Meet the legal requirements
- Keep away from: heat sources, acids
  - Storage temperature: see component label

**Specific purposes:**
- NA

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 **Control parameters**

Does not contain substances with exposure limit values.

8.2 **Control of Exposure**
8.2.1 Exposure to persons

Respiratory Protection - Insufficient ventilation: wear respiratory protection
Hand Protection - Gloves
Eye Protection - Face shields
Skin Protection - Protective Clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Liquiplastin reagent: Liquid reagent which is derived from rabbit brain.
Odour: not specific
Odour threshold: No data available

10. STABILITY AND REACTIVITY

Stability: The component is stable until expiry date if stored in specified conditions (see label)
Reactivity/Hazardous decomposition products: No hazardous decomposition products are formed in high quantities

11. TOXICOLOGICAL INFORMATION

**Thimerosal:**
Toxicity and effects
Acute toxicity: LD50 oral rat: 75 mg/kg
LC50: NE
Acute effects: Harmful if swallowed

Routes of exposure
Ingestion, inhalation, eyes and skin

12. ECOLOGICAL INFORMATION

Aquatic toxicity
The ecological information for the dilute thimerosal has not been throughly investigated: however mercury and its compounds are expected to significantly bioaccumulate. So any waste must be handled as dangerous waste.

Other information
- Effect on the ozone layer: Not dangerous for the ozone layer
- Greenhouse effect: No data available
- Effect on waste water purification: No data available

13. WASTE DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

No restrictions.

15. REGULATORY INFORMATION

No specific regulations

16. OTHER INFORMATION

The following Hazard statements refer to the classification of the components (pure substance 100% ) and not the classification of the mixture.

Labels
H317 - May cause an allergic skin reaction
H413 - May cause long lasting harmful effects to aquatic life

This product is designed for use by professionals.

The material from animal source included in this kit are considered and judged to be free from risk of BSE/CJD and other zoonoses based on:

The use of BSA from sources in non-BSE countries (certificate available). But the handling of reagent, serum or plasma specimens should be in accordance with local safety procedure.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

It remains the user’s own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

SDS established : 2021-09-16
Revision number : 02