



# **Tulip Diagnostics (P) Ltd. SAFETY DATA SHEET**

(According to CLP regulation (EC) no 1272/2008, EC no.1907/2006 article 31)

Product : Profact

Doc. No.: SDS/311

## **1. INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

- 1.1 Product name : Profact
- Catalogue Nos. : 10660020 ,106601000
- Kit components : Buffered 3.2% Trisodium citrate  
: Package Insert
- 1.2 Intended use : In Vitro Diagnostic Use.
- 1.3 Company : Tulip Diagnostics (P) Ltd.  
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Verna Industrial Estate,  
Verna, Goa 403 722  
INDIA  
Telephone : +91-832-6624555  
E-mail : [sales@tulipgroup.com](mailto: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**

Profact reagent contains 0.01% Thimerosal (cas No -54-64-8) (EC) No. 200-210- 4  
The classification of (0.01%) according to regulation (EC) no.1272/2008 is H317,H413.

## **4. FIRST AID MEASURES**



*Eye contact* :- Rinse immediately with water for atleast 15 minutes. 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 develops.

*After Ingestion* :- Never give water to an unconscious person

- Wash out mouth with water provided person is conscious.
- Do not induce vomiting.
- Consult a doctor/medical service if victim feel unwell.

## **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 fire fighting water
- Use fire fighting 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 : Provide sufficient ventilation**

#### **8.2.1 Exposure to persons**

*Respiratory Protection* - Insufficient ventilation: wear respiratory protection  
*Hand Protection* - Gloves - *compatible chemical resistant gloves*  
*Eye Protection* - Face shields  
*Skin Protection* - Protective Clothing

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

BUFFERED 3.2% TRISODIUM CITRATE : Clear Liquid

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

*Conditions/Materials to avoid:* Keep away from metals and acids.

## **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**

Thimerosal : The ecological information for the dilute thimerosal has not been thoroughly investigated : however mercury and its compound are expected to significantly bio accumulate .So any waste must be handled as dangerous waste- 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**

*Provisions relating to waste* : Hazardous waste (91/689/EEC).

*Packaging/container* : Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10 (packaging containing residues of or contaminated by dangerous substances)

*Disposal methods:*

- The component must be considered as hazardous waste. It should be disposed of following local regulations.

### **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.

- H300 - fatal if swallowed
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects .
- EUH032 - Contact with acids liberates very toxic gas

This product is designed for use by professionals.

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.

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