# MATERIAL SAFETY DATA SHEET

in accordance with 1272/2008/EG

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Productname: Zafena Abnormal Plasma, ZAP, reagent and buffert
Code: ZAF 102

1.2 Area of use: In vitro diagnostics

1.3 Manufacturer:
ZAFENA AB
Norrbygatan 1
59176 Borensberg
SVERIGE
Tel: +46 141 405 20
Fax: +46 141 405 08
e-mail: info@zafena.se

1.4 Emergency phone number: National Poison information centre

## 2. HAZARDS IDENTIFICATION

ZAP consists of freeze-dried human plasma ZAF 102-2 and blue buffer, ZAF 102-3.
ZAF 102-2, contains freeze-dried human plasma tested negative for HBsAG, HCV, HIV and Lues. There are no tests that can guarantee freedom of infection. Wear protective gloves when handling ZAF 102-2.
Zafena blue buffer, ZAF 102-3, is a buffer (pH ~ 5.6), blue (E 131, approved by Swedish National Food Agency), aqueous solution containing 0.04% sodium azide to prevent bacterial growth.
Sodium azide is very toxic. The substance is not on REACH or on the candidate list. Sodium azide is a prioritized risk-reduction substance (Swedish Chemicals Agency's priority list PRIO)

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

ZAP buffer, pH 5-6, contains sodium azide (CAS 26628-22-8) at a <0.1% (w-v) content and does not need to be registered as a hazardous substance in accordance with 88-379 / EEC.

## 4. FIRST AID MEASURES

4.1 Inhalation: In case of discomfort, seek medical advice.
4.2 Eyes: Rinse with physiological saline solution, if irritation persists contact doctor
4.3 Ingestion: Rinse mouth with water, drink plenty of water.
4.4 Skin: Flush with plenty of water. Remove contaminated clothing and shoes.

## 5. FIRE FIGHTING MEASURES

| | | |
|---|---|---|
| 5.1 | Extinguishing media: | Suitable: Water spray, carbon dioxide, powder extinguisher or foam. |
| 5.2 | Special hazards: | The product is not inflammable. The product represents no fire or explosion risk. |

## 6. ACCIDENTAL RELEASE MEASURES / ACCIDENTAL EMISSIONS

| | | |
|---|---|---|
| 6.1 | Personal precautions: | Wear gloves, avoid contact with the substance. |
| 6.2 | Methods for cleaning up: | Wipe the spilled substance and wash the spilled area after all material has been removed. Waste should be handled according to local or national regulations. |

## 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| 7.1 | Handling: | No special precautions |
| 7.2 | Storage: | Store in the original bottle. Store at 2-8 ° C. |

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 General Precautions for handling biochemicals. Wash your hands properly after handling.
8.2 Respiratory protection Not required under normal ventilation
8.3 Hand protection Wear protective gloves. The glove material should be impermeable to product.
8.4 Eye protection Not required in normal handling of the product.
8.5 Skin protection Not required during normal handling of the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| 9.1 | Appearance: | |
| 9.2 | Color: | Slightly yellowish |
| 9.3 | Solubility: | Water-soluble |
| 9.4 | Specific weight: | Not applicable |
| 9.5 | pH: | 6-8 |

## 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| 10.1 | Stability: | Stable |
| 10.2 | Hazardous decomposition products. Forms explosive compounds with lead and copper. Do not pour reagent or buffer into drains containing these metals. If reagent or buffer is poured into drains, flush with copious amounts of water. | |

## 11. TOXICOLOGICAL INFORMATION

To our knowledge, the complete chemical,physiological and toxicological properties have not been completely explored.

| | | |
|---|---|---|
| 11.1 | Acute toxicity: | Unknown |
| 11.2 | Skin: | Unknown |
| 11.3 | Eye: | Unknown |
| 11.4 | Other poison information: | No poisonings known to this date. |

## 12. ECOLOGICAL INFORMATION

12.1 Summary: The product is water-soluble and not classified as toxic.

## 13. DISPOSAL CONSIDERATIONS

13.1 Summary: Waste management must be in accordance with national or regional regulations.

## 14. TRANSPORT INFORMATION

14.1 Handling: The product is packed in glass bottles, handle with care.

14.2 Restrictions: Not subject to transport restrictions.

## 15. REGULATORY INFORMATION

Classification and and labeling requirements is according to EU-directive 88-379 / EEG

## 16. ADDITIONAL INFORMATION

The safety data sheet has been designed in accordance with EU Directive 1272/2008 /EG. Zafena AB considers this information to be correct, but it should not be regarded as complete, but for guidance. It is provided with the aim of allowing proper and safe use, storage, transportation and disposal of the product. to provide product information on the correct and safe way of use, storage, transport and waste management. The product is only for in vitro diagnostics.