SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

- Product Name: FDP

1.2 Relevant identified uses of the substance or mixture and uses advised against

In Vitro Diagnostic Use.

1.3 Details of the supplier of the safety data sheet

- Name of Manufacturer: Arena BioScien, SEA
- Address of Manufacturer: Block 5, Street 9 Ismailia free zone. Ismailia- Egypt
- Telephone: +202 21813500/ +201113102057
- Email: admin@arenabioscientific.com

SECTION 2 Hazards identification

According to 1999/45/EG, the preparation is classified as dangerous.

CLASSIFICATION PREPARATION	RISKS
Xn; R22	Harmful if swallowed Animal material is potentially infectious.

SECTION 3 Composition/information on ingredients

3.1 Substances

KIT COMPONENT	HAZARDOUS INGREDIENT	CLASSIFICATION SUBSTANCE	EINECS NR.
XL-FDP latex reagent	Material from animal origin 0.1 % Sodium Azide (NaN3)	T+; R28-32 N; R50-53	247-852-1
Positive Control	Material from animal origin 0.1 % Sodium Azide (NaN3)	T+; R28-32 N; R50-53	247-852-1
Negative Control	Material from animal origin 0.1 % Sodium Azide (NaN3)	T+; R28-32 N; R50-53	247-852-1
Phosphate Buffer	Material from animal origin 0.1 % Sodium Azide (NaN3)	T+; R28-32 N; R50-53	247-852-1

SECTION 4 First aid measures

Eye contact:

- Rinse immediately with water for at least 15 minute. Assure adequate flushing by separating the eyelids with fingers.
- 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 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 you feel unwell

SECTION 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.

SECTION 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

SECTION 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

SECTION 8 Exposure controls/personal protection

8.1 Control parameters
- There are no recommended or established controls for this product.

8.2 Exposure controls
- Eyewash bottles should be available.
- Engineering controls should be provided to prevent the need for ventilation.
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask, NIOSH N95 (US) or type FFP1 (EN143) dust masks.

- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear safety glasses approved to standard for ANSI Z87 or EN 166.

SECTION 8 Exposure controls/personal protection (continued…)

- Wear suitable protective clothing in accordance with good chemical hygiene practices.



SECTION 9 Physical and chemical properties

Latex : Suspension
Positive,Negative Control & phosphate buffer :Liquid

SECTION 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 metal and acids (Components contains azide)

SECTION 11 Toxicological information

Toxicity and effects
Acute toxicity: LD50 oral rat : 75 mg/kg
LD50 dermal rabbit : 20 mg/kg
Acute effects: Harmful if swallowed
Chronic toxicity: Carcinogenicity (TLV) : A4
Routes of exposure
Ingestion, inhalation, eyes and skin
Caution! These components contain a substance that is absorbed through the skin (sodium azide).

SECTION 12 Ecological information

Aquatic toxicity
Sodium Azidel:
- LC50 (96 h) : 0.8 mg/l (SALMO GAIRDNERI/ONCORHYNCHUS MYKISS)
- LC50 (96h) : 0.7 mg/l (LEPOMIS MACROCHIRUS)
- LC50 (48h) : 9 mg/l (GAMMARUS SP.)

Other information
- Effect on the ozone layer: Not dangerous for the ozone layer (1999/45/EC)
- Greenhouse effect: No data available
- Effect on waste water purification: No data available

SECTION 13 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 positive and negative controls are potentially infectious. It should be disposed of following established safety procedures and local regulations.
- The component must be considered as hazardous waste. It should be disposed of following local regulations.
- Sodium Azide reacts with lead and copper plumbing forming highly explosive metal azides.

SECTION 14 Transport information

No restrictions.

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006- 453/2010, WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR), and with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe.

SECTION 16 Other information

Date of Preparation: September 2019
Revision: Rev. 0
Replaces: New issue
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