Safety Data Sheet

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

1.1 Product identifier

- Product Name: **ANTI- CDE**

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

- Use of the substance/preparation: For the in-vitro qualitative detection of Blood groups antigenic determinant CDE in Human red cells manually.

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

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

SECTION 3 Composition/information on ingredients

Monoclonal Rh typing antibodies contains 0.1% Sodium Azide (cas no–26628-22-8)(EC No-247-852-1).The classification of Sodium Azide according to regulation (EC) No.1272/2008 is Acute toxicity

SECTION 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 .

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

Respiratory Protection

- Insufficient ventilation: wear respiratory protection

Hand Protection

- Gloves

Eye Protection

- Face shields

Skin Protection

– Protective Clothing



Gloves | Safety Glasses | Lab Coat

SECTION 9 Physical and chemical properties

Eryclone Anti-C+D+E Monoclonal : Colourless clear liquid
Odour : not specific
Odour threshold : No data available
pH : 7.0-7.4

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 metals and acids (Component contains azide).

SECTION 11 Toxicological information

Sodium Azide:
Toxicity and effects
Acute toxicity:
LD50 oral rat : 27 mg/kg
LD50 dermal rabbit : 20 mg/kg
Acute effects:
Harmful if swallowed
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 azide:
- LC50 (96 h) : 0.8 mg/l (SALMO GAIRDNERI/ONCORHYNCHUS MYKISS)
- LC50 (96 h) : 0.7 mg/l (LEPOMIS MACROCHIRUS)
- LC50 (48 h) : 9 mg/l (GAMMARUS SP.)

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

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 component must be considered as hazardous waste. It should be disposed of following localregulations. - Sodium azide reacts with lead and copper plumbing forming highly explosive metal azides.

SECTION 14 Transport information

No restrictions.

SECTION 15 Regulatory information

No specific regulations

SECTION 16 Other information

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Replaces: New issue

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