

## Material Safety Data Sheet

### 1. IDENTIFICATION OF PRODUCT(S) AND COMPANY

|   |  |  |
|---|--|--|
| Manufacturer: Alba Bioscience Limited<br>Ellen's Glen Road<br>EDINBURGH<br>EH17 7QT<br>UNITED KINGDOM | Phone: +44(0)131 536 5907<br>FAX: +44(0)131 536 5897 |  |
|---|--|--|

This Material Safety Data Sheet is for the following products:

| Product Name                                | Product Code | Unit Size |
|---|--------------|-----------|
| ALBAclone <sup>®</sup> Anti-E               | Z073U        | 5mL       |
| ALBAclone <sup>®</sup> Anti-c               | Z083U        | 5mL       |
| ALBAclone <sup>®</sup> Anti-k               | Z137U        | 2mL       |
| ALBAclone <sup>®</sup> Anti-M               | Z171U        | 5mL       |
| ALBAclone <sup>®</sup> Anti-N               | Z176U        | 5mL       |
| ALBAclone <sup>®</sup> Anti-Le <sup>a</sup> | Z212U        | 5mL       |
| ALBAclone <sup>®</sup> Anti-Le <sup>b</sup> | Z217U        | 5mL       |
| ALBAclone <sup>®</sup> Anti-Lu <sup>b</sup> | Z223U        | 2mL       |

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENTS    | CAS NUMBER | CONCENTRATION |
|----------------|------------|---------------|
| Bovine Albumin | 9048-46-8  |               |
| Sodium Azide   | 26628-22-8 | 0.1%          |

This product does not contain any chemical at a level presenting a health hazard as per WHMIS (Canada) and OSHA.

The MSDS was prepared in accordance with the OSHA Hazard Communication Standard.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required for the CPR and 91/155/EEC Directive.

### 3. HAZARD IDENTIFICATION

#### RELEVANT ROUTES OF EXPOSURE:

|               |                                     |
|---------------|-------------------------------------|
| INGESTION:    | Not expected to be a health hazard. |
| EYE CONTACT:  | Not expected to be a health hazard. |
| SKIN CONTACT: | Not expected to be a health hazard. |

### 4. FIRST AID MEASURES

|               |  |
|---------------|--|
| INGESTION:    | Immediately rinse mouth thoroughly with water. Seek medical advice.                  |
| EYE CONTACT:  | Immediately rinse thoroughly with water for several minutes and seek medical advice. |
| SKIN CONTACT: | Wash the affected area with antibacterial soap and warm water for several minutes.   |

## 5. FIRE FIGHTING MEASURES

FLASH POINT: Not Applicable.  
FIRE FIGHTING MEASURES: Not Applicable.  
SUITABLE EXTINGUISHING MEDIA: Not Applicable.

## 6. ACCIDENTAL SPILL MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:

Do not touch spilled material. Protective clothing, gloves and goggles should be worn. Absorb the spill and place used absorbent material into approved containers for disposal. Decontaminate the area with approved disinfectant. Wipe the area until clean and dry.

## 7. HANDLING AND STORAGE

### HANDLING:

Suitable protective clothing should be worn. No food or drink should be consumed when handling product. No cosmetics should be applied in areas where product is stored or handled. Avoid contact with open wounds. Wash hands thoroughly after handling and before eating, drinking or smoking.

### STORAGE:

Store in tightly closed containers.  
Store at 2°C – 8°C. Do not freeze.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

This product does not contain any hazardous material with occupational exposure limits.

### EYE PROTECTION

Use safety goggles and/or full face shield where splashing of product is possible.  
Maintain eyewash stations.

### CLOTHING/GLOVES

Protective clothing such as coveralls/aprons or lab coats should be worn.  
Protective gloves should be worn while handling product.

### HEAD/FOOT PROTECTION

Hood, surgical gloves and overboots should be worn in areas with significant quantities of product.

### VENTILATION

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below permissible air concentrations.

## 9. PHYSICAL and CHEMICAL PROPERTIES

|                       |                   |                      |     |
|-----------------------|-------------------|----------------------|-----|
| Appearance            | Liquid            | Vapour pressure      | n/d |
| Colour                | Clear light amber | Vapour density       | n/d |
| Odour                 | n/a               | Flash point          | n/a |
| Melting point         | n/d               | Autoignition         | n/a |
| Boiling point         | n/d               | Explosive properties | n/a |
| Rel.density           | n/d               |                      |     |
| Bulk density          | n/d               |                      |     |
| Solubility in water   | n/a               |                      |     |
| pH                    | 7.1-7.3           | Conductivity         | n/d |
| Partition coefficient | n/a               |                      |     |

## 10. STABILITY and REACTIVITY

STABILITY: Stable.  
CONDITIONS TO AVOID: Excessive heat.  
HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition sodium azide liberates nitrogen gas and sodium, which is explosive. When heated to decomposition, bovine albumin may form carbon dioxide and carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS/ CHRONIC EFFECTS:  
These products are manufactured from monoclonal cell lines. The substance irritates the eyes, the skin, and the respiratory tract.

## 12. ECOLOGICAL INFORMATION

No data available.

## 13. DISPOSAL CONSIDERATION

WASTE DISPOSAL:  
Disposal must be in accordance with local laws and regulations. Contact the Environmental Protection Agency and/or regulatory agency for appropriate requirements.

## 14. TRANSPORT INFORMATION

HAZARD CLASS: Not Applicable.

## 15. REGULATORY INFORMATION

These reagents comply with the requirements of Directive 98/79/EC on *in vitro* Diagnostic Medical Devices.

This product has been classified in accordance with the hazard criteria of Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR and Directive 91/155/EEC.

Acute Health Hazard: None.  
Chronic Health Hazard: None.  
Fire Hazard: None.  
Sudden Release of Pressure Hazard: None.  
Reactive Hazard: None.

## 16. OTHER INFORMATION

Labelling Information:  
Danger symbol Xn harmful  
R-phrases R22  
S-phrases N/A

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