



## Material Safety Data Sheet

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

Manufacturer: Alba Bioscience Limited      Phone: +44(0)131 536 5907  
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This Material Safety Data Sheet is for the following product:

Product Name	Product Code	Unit Size
20% Polyethylene glycol	Z312U	10 x 10mL

### COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	CONCENTRATION
Polyethylene glycol 4000	25322-68-3	20%

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

This 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 by the CPR and 91/155/EEC Directive.

### 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.

### FIRST AID MEASURES

INGESTION: Immediately rinse mouth thoroughly with water and 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.

### FIRE FIGHTING MEASURES

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

## 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 an approved disinfectant. Wipe the area until clean and dry.

## 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 and body fluids. Wash hands thoroughly after handling and before eating, drinking or smoking.

### STORAGE

Store in tightly closed containers.  
Store between 2°C and 8°C.

## 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.

## PHYSICAL and CHEMICAL PROPERTIES

Appearance	Liquid	Vapour pressure	n/d
Colour	Colourless	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	n/a	Conductivity	n/d
Partition coefficient	n/a		

## STABILITY and REACTIVITY

### STABILITY:

Stable.

### CONDITIONS TO AVOID:

Excessive heat.

### HAZARDOUS POLYMERIZATION:

Will not occur.

#### TOXICOLOGICAL INFORMATION

Oral rat LD50 for PEG 4000 = 50gm/kg

#### ACUTE / CHRONIC EFFECTS:

No information found.

#### ECOLOGICAL INFORMATION

No data available.

#### 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.

#### TRANSPORT INFORMATION

HAZARD CLASS: Not Applicable.

#### REGULATORY INFORMATION

This reagent complies 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.

#### OTHER INFORMATION

#### LABELLING INFORMATION:

R-phrases	N/A
S-phrases	N/A

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