

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: **PAMFix** (catalogue no. PSR-001)

Version: 1

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

Product identifier: PAMFix – PSR-001 (Contains: Formaldehyde)

Other identifiers: None

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

Product uses: Medical Research

#### 1.3 Details of the supplier of the safety data sheet

Company name: Platelet Solutions Ltd

Company address: The Sir Colin Campbell Building

Triumph Road

Nottingham

NG7 2TU

Contact: E-Mail address: info@plateletsolutions.co.uk

Company phone: +44 (0)333 355 4091

#### 1.4 Emergency telephone number

Telephone: +44 (0)333 355 4091

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

H302, Harmful if swallowed, acute toxicity, oral (Category 4)

H317, May cause an allergic skin reaction (Category 1)

H341, Suspected of causing genetic defects (Category 2)

H350, May cause cancer (Category 1B)

Classification under Directive 1999/45/EC

R45, May cause cancer, toxic (T)

R68, Harmful, possible risk of irreversible effects (Xn)

R20/21/22, Harmful by inhalation, in contact with skin and if swallowed (Xn)

R43, Irritant, may cause skin sensitisation by skin contact (Xi)

#### 2.2 Label elements

Signal word: Danger

Hazard statements:

H302, Harmful if swallowed, acute toxicity, oral

H317, May cause an allergic skin reaction

H341, Suspected of causing genetic defects  
H350, May cause cancer  
H315, Causes skin irritation

Safety phrases:

S53, Avoid exposure  
S36/37, Wear appropriate protective clothing  
S45, If feeling unwell or in case of accident seek medical attention

Restricted to professional users

Precautionary statements:

P202, Read and understood all safety precautions before use  
P280, Wear protective gloves/eye protection/face protection  
P264, Wash hands and other contacted skin thoroughly after handling  
P308/313, If exposed or concerned: Seek medical advice/attention  
P333/313, If skin irritation or rash occurs: Seek medical advice/attention  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations



Pictograms:

According to European Directive 67/548/EEC as amended



Hazard Symbol:

Toxic (T)

### Section 3. Composition / information on ingredients

#### 3.1 Mixtures

Component	CAS-No.	EC-No.	Index-No.	Concentration
<b>Formaldehyde</b>	50-00-0	200-001-8	605-001-00-5	>= 3- < 5%
<b>Methanol</b>	67-56-1	200-659-6	603-001-00-x	>= 3- < 5%

Hazards associated with this mixture refer to hazards identified in Section 2

### Section 4. First aid measures

#### 4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do so. Continue rinsing  
IF exposed or concerned: Seek medical advice/attention

#### **4.2 Most important symptoms and effects, both acute and delayed**

May cause an allergic skin reaction and serious irritation to eyes  
Suspected of causing cancer (exposure route) see Section 2 for further information

#### **4.3 Indication of any immediate medical attention or special treatment needed**

None expected, but see above for further information and see Section 2

### **Section 5: Firefighting measures**

#### **5.1 Extinguishing Media**

Suitable media: Carbon dioxide, Dry chemical, Foam

#### **5.2 Special hazards arising from the substance or mixture**

In case of fire, carbon oxides and unidentified organic compounds may be liberated

#### **5.3 Advice for fighters**

In case of insufficient ventilation, wear suitable respiratory equipment

#### **5.4 Further information**

Use water spray to cool unopened containers

### **Section 6. Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid inhalation. Avoid contact with skin and eyes. Beware of vapours accumulating to form explosive concentrations. Evacuate personnel to safe areas. See protective measures under Section 7 and 8

#### **6.2 Environmental precautions**

Keep away from drains, surface and ground water, and soil

#### **6.3 Methods and material for containment and cleaning up**

Provide adequate ventilation to avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of these according to local regulations

#### **6.4 Reference to other sections**

Also refer to sections 8 and 13

### **Section 7. Handling and storage**

#### **7.1 Precautions for safe handling**

Avoid exposure to skin and eyes. Avoid inhalation of vapour. Use personal protective equipment as required. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 7.3 Specific end use(s)

Research applications to include medical research. For in vitro use only. Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

Components	Control parameters	Basis
<b>Formaldehyde</b> CAS-No. 50-00-0	2 ppm 2.5 mg/m <sup>3</sup>	UK. EH40 WEL – Workplace Exposure Limits
<b>Methanol</b> CAS-No. 67-56-1	200 ppm 266 mg/m <sup>3</sup>	UK. EH40 WEL – Workplace Exposure Limits
	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

### 8.2 Exposure Controls

Eye / Skin Protection: Wear protective gloves/eye protection/face protection.

Respiratory Protection: Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special controls. However, for high or prolonged use, to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Form: Liquid
Odour:	Not determined
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 70 °C
Vapour pressure:	Not determined
Relative density:	Not determined
Water Solubility:	completely miscible

9.2 Other information: None available

## Section 10. Stability and reactivity

### **10.1 Reactivity**

Presents no significant reactivity hazard, by itself or in contact with water

### **10.2 Chemical stability**

Good stability under normal storage conditions

### **10.3 Possibility of hazardous reactions**

Not expected under normal conditions of use

### **10.4 Conditions to avoid**

Extreme heat and freezing

### **10.5 Incompatible materials**

Avoid contact with strong acids, alkalis or oxidising agents

### **10.6 Hazardous decomposition products**

Not expected, refer to Section 5 in case of fire

## Section 11. Toxicological information

### **11.1 Information on toxicological effects**

This mixture has not been tested as a whole for health effects

No direct data available on; Acute toxicity, irritation to skin, eyes and respiratory system or germ cell mutagenicity.

Formaldehyde is a known Group 1 carcinogen in humans and may cause liver irregularities

Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include; Nausea, Dizziness, Gastrointestinal disturbances, Weakness, Confusion, Drowsiness, Unconsciousness and may cause convulsions.

Refer to Sections 2 and 3 for additional information.

## Section 12. Ecological information

**12.1 Toxicity:** No data available

**12.2 Persistence and degradability:** No data available

**12.3 Bioaccumulative potential:** No data available

**12.4 Mobility in soil:** No data available

### **12.5 Results of PBT and vPvB assessment:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

**12.6 Other adverse effects:** No data available

## Section 13. Disposal considerations

**13.1 Product** This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company

**13.2 Contaminated packaging** Dispose of as unused product

## Section 14. Transport information

- 14.1 UN number** Not classified  
**14.2 UN Proper Shipping Name:** Not classified  
**14.3 Transport hazard class(es):** Not classified  
**14.4 Packing Group:** Not classified  
**14.5 Environmental hazards:** Not environmentally hazardous for transport  
**14.6 Special precautions for user:** None additional  
**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not classified

## Section 15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No data available

**15.2 A Chemical Safety Assessment has not been carried out for this product**

## Section 16. Other information

### **Key to abbreviations:**

- H312 Harmful in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H350 Suspected of causing cancer  
P202 Do not handle until all safety precautions have been read and understood  
P264 Wash hands and other contacted skin thoroughly after handling  
P280 Wear protective gloves/eye protection/face protection  
P501 Dispose of contents to approved disposal site, in accordance with local regulations

The information in this safety data sheet is to the best of our knowledge true and accurate, but all data, instructions, recommendations and/or suggestions are made without guarantee.