

# Blood Controls

## 1. Identification of Substance:



<b>Product Name:</b>	“CD4 Low Blood Control and CD4 Normal Blood Control”
<b>Product Description:</b>	Stabilised preparations of human blood cells for use as complete process controls.
<b>Supplier/Manufacturer:</b>	Supplier: Caltag Medsystems Ltd Cytomark Division Whiteleaf Business Centre 11 Little Balmer Buckingham MK18 1TF U.K.
<b>Synonyms:</b>	Product codes: CF04-Duo, CF04-L and CF04-N

### Emergency Information:

Emergency phone number: +44 (0)1280 827460 (office hours) or +44 (0)7850 974570 (out of hours)

## 2. Composition/Data on Components

<b>Composition and Components:</b>	CD4 Low and CD4 Normal Blood Controls are preparations of human blood components that are stabilised using the patented ‘CytoFix’ technology. CytoFix involves a low (<1%) concentration of Paraformaldehyde and other cell preservatives.
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3. Hazard Identification	
 	<p><b>Human blood</b> – All source material used is non-reactive for Hepatitis B, negative to antibodies to HIV (HIV-1/HIV-2) and Hepatitis C (HCV), HIV-1 RNA and HCV RNA. However the product should be handled as if capable of transferring infection.</p> <p><b>Paraformaldehyde</b> – Concentration &lt;1%</p>
<p><b>Risk Phrases:</b> R20/21/22 R40 R43</p>	<p>Harmful by inhalation, in contact with skin and if swallowed. Limited Evidence of Carcinogenic effect. May cause sensitisation by skin contact.</p>
<p><b>Safety Phrases:</b> S24 S25 S26</p>	<p>Avoid contact with skin Avoid contact with eyes In case of contact with eyes rinse immediately with water</p>
4. First Aid Measures	
<p><b>Eye Contact:</b></p> <p><b>Skin Contact:</b></p> <p><b>Ingestion:</b></p>	<p>Rinse immediately with water. Irrigate the eye for at least 10 minutes and seek medical advice.</p> <p>Wash immediately with water</p> <p>Wash out mouth with water</p>
5. Fire Fighting Measures	
<p><b>Combustion:</b></p> <p><b>Flash Point:</b></p> <p><b>Auto Ignition Temperature:</b></p>	<p>Non combustible aqueous solution with no unusual fire or explosion hazards</p> <p>Not relevant – aqueous solution</p> <p>Not relevant – aqueous solution</p>


## 6. Accidental Release Measures



**Wear gloves**



**Wear safety spectacles**

Collect in absorbent material and dispose of as laboratory biological waste .

## 7. Handling and Storage

Store at 2°C to 8°C.

Avoid exposure to light when not in use.

## 8. Exposure Controls and Personal Protection Gear



**Wear latex or other impervious gloves**



**Wear safety spectacles**

**Avoid contact with skin and avoid contact with eyes**

## 9. Physical and Chemical Properties

**Physical State:** Stabilised human whole blood

**pH:** pH Neutral


## 10. Stability and Reactivity

**Reactivity:** Stable when refrigerated in the temperature range of 2°C to 8°C. Do not freeze.


## 11. Toxicological Information

No toxicological data is available for this preparation.

## 12. Ecological Information

CD4 Low and Normal Blood Controls contain human blood components. It should be treated as biological waste  and disposed of accordingly.

### 13. Disposal Considerations

All blood products must be treated as **BIOHAZARDOUS WASTE**  and must be disposed of in accordance with regulations in place for the disposal of such material.

### 14. Transport Information

Hazard Class: - Non hazardous for transport

### 15. Regulations

**Labelled in accordance with EU guidelines with reference to the Approved Supply List eighth edition: Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.**

### 16. Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.

Caltag Medsystems Ltd are not liable for any damages or losses resulting from contact with the product or handling the product as described in this document.