

Safety Data Sheet for Human Whole Blood



| 1.0 Identification of Substance/mixture and of the company/undertaking | |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1.1 Product Name | Human whole blood |
| Product Description | A preparation of whole human blood for research purposes |
| Synonyms | Product Code: BLD |
| 1.2 Intended Use of the Product | Human blood supplied for research use only |
| 1.3 Name, Address, and telephone of the Responsible Party | Supplier: Research Donors Ltd Unit C14, Poplar Business Park 10 Prestons Road Poplar London E14 9RL |
| 1.4 Emergency Information: Emergency phone number: +44 (0) 207 870 3742 (Office hours) or +44 (0) 7741 556858 (out of hours) | |

| 2.0 Hazard Identification | |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.1 Classification of the substance or mixture | No applicable GHS categories |
| Hazard phrases: H302 + H312 + H332 | Harmful if swallowed, in contact with skin or if inhaled |
| Precautionary phrases: P262, P280, P305 + P351 + P338 | Do not get in eyes, on skin, or on clothing Wear protective gloves/protective clothing/eye protection IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |

| 3.0 Composition / Data on components |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage Non-Hazardous Ingredients: Human Whole Blood > 99% Analytes < 0.05% |

| 4. First Aid Measures | |
|------------------------------|-------------------------------------------------------------------------------------------------|
| Eye Contact: | Rinse immediately with water. Irrigate the eye for at least 10 minutes and seek medical advice. |
| Skin Contact: | Wash immediately with water |
| Ingestion: | Wash out mouth with water |

5. Fire Fighting Measures

5.1. Extinguishing media

As appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

None

6. Accidental Release Measures



Wear latex or other impervious 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.

All human based products must be handled in a Biosafety Level 2 cabinet or higher

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. Although all samples are tested negative for HIV, HCV, HBsAg and Syphilis they should all be handled as if potentially infectious as no test can guarantee complete negativity.

9. Physical and Chemical Properties

Appearance: Red Liquid

Odor Slight: Odor threshold Not determined

pH: 7 – 8 reconstituted with H₂O

Melting point / freezing point: Not Measured

Initial boiling point and boiling range: Not Measured

Flash Point: Not Measured

Evaporation rate: Not Measured

Flammability (solid, gas): Not Applicable

Upper/lower flammability or explosive limits Lower Explosive Limit: Not Measured

Upper Explosive Limit: Not Measured

Vapor pressure (Pa): Not Measured

Vapor Density: Not Measured

Specific Gravity: Not Measured

Solubility in Water: Freely Soluble

Partition coefficient n-octanol/water: Not Measured

Auto-ignition temperature: Not Measured

Decomposition temperature: Not Measured

Viscosity: Not Measured

9.2. Other information: No other relevant information.

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 product.

12. Ecological Information

This product contains human whole blood. It should be treated as biological waste and disposed of accordingly.

13. Disposal Considerations

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

14. Transport Information



BIOLOGICAL SUBSTANCE CATEGORY B

Diagnostic specimens, assigned to UN 3373, are human or animal materials that are being transported only for the purpose of diagnosis or investigation. Such materials include excreta, blood and its components, as well as other tissues and fluids. Diagnostic specimens do not include live infected animals. Packaging requirements are at packing instruction P650.

15. Regulations

"Biological Substance, Category B" must appear in 6-mm-high text on the outer package adjacent to a diamond-shaped mark like the one shown above. The UN 3373 marking must be in the form of a square set at an angle of 45 degrees. Each side of the UN 3373 diamond should measure a minimum of 2" (50 mm). The width of the diamond rule line must be a minimum of 2 mm, and the letters and numbers must be at least 6 mm high.

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.

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