



## MATERIAL SAFETY DATA SHEET

Product	
Product Name	Human D-Dimer
Sunnylab Code No.	P202-4
Source Material	Human Plasma.
Product Presentation	Supplied as a frozen aqueous solution in 0.05M NaH <sub>2</sub> PO <sub>4</sub> buffer, pH 7.5, containing 0.15M NaCl and 0.09% NaN <sub>3</sub> , plus 1% HSA. Material heat treated at 50°C for 60 hours.
Manufacturing Quality System	Sunnylab operates a quality management system, which complies with the requirements of ISO 9001:2000, certificate # FM 22989.
Storage	Below -15°C.

Material Component Information				
Component	UN No.	CAS Nomenclature	% of Total	Recommended TLV's
D-Dimer	N/A	N/A	< 1	Not Known
Other Proteins (not identified)	N/A	N/A	< 1	Not Known
NaH <sub>2</sub> PO <sub>4</sub>	N/A	13472-35-0	0.6	Not Known
NaCl	N/A	7647-14-5	0.9	LD 50 rat 3.75 g/Kg oral
NaN <sub>3</sub>	1687	026628-22-8	0.09	LD 50 rat 27 mg/Kg oral
Human Serum Albumin	N/A	N/A	1	Not Known

### Physical Characteristics

<b>Form (liquid, solid etc.)</b>	Clear frozen solution.
<b>Solubility</b>	N/A.
<b>Reactivity</b>	Reacts in acidic solution to evolve toxic gas. Decomposes strongly in hot water.
<b>Fire /explosion hazard data</b>	May evolve toxic fumes in fire.
<b>Fire precautions</b>	N/A.

### Health Hazard Data

<b>Acute</b>	Toxic by ingestion may irritate skin and eyes.
<b>Chronic</b>	Potential risk of infection. Product has been donor screened for some infectious agents, however as material is of human origin and efficacy of test kits cannot be guaranteed treat as potentially infectious.

### Emergency First Aid Procedures

<b>Eyes</b>	Irrigate thoroughly with water; seek medical attention.
<b>Lungs</b>	Remove to fresh air; if not breathing give artificial respiration; seek medical attention.
<b>Skin</b>	Avoid contact with skin. May be irritating to skin. Rinse thoroughly with water.
<b>Mouth</b>	Wash out mouth thoroughly with water; give plenty of water to drink. Seek medical attention.

### Control and Protective Measures

<b>Respirator</b>	Use approved respirator when dealing with spillage as required.
<b>Ventilation</b>	Use approved laboratory fume cupboard to handle large quantities where necessary.
<b>Gloves</b>	Wear approved laboratory gloves made from latex or other stronger material at all times when handling this product.
<b>Eye protection</b>	Wear approved eye protection while handling this product.
<b>Other measures</b>	Normal laboratory attire is recommended, wash thoroughly after handling and avoid prolonged exposure.

### Storage and Disposal

<b>Storage</b>	Treat as a potential biohazard and as toxic. Store away from all foodstuffs. For laboratory use only.
<b>Disposal</b>	Dispose of all potentially infectious material by autoclaving or incineration. Small quantities may be discarded to drain with copious quantities of water after autoclaving.