



Document No MSDSP251-4v1

## MATERIAL SAFETY DATA SHEET

Product	
Product Name	Human CA125 (Cell line) Low Cross Contamination Grade
Sunnylab Code No.	P251-4
Source Material	Human Cell Line
Product Presentation	Single homogenous batch, supplied frozen in 0.05M phosphate buffer, pH 7.5, containing 0.15M NaCl and 0.09% NaN <sub>3</sub> .
Manufacturing Quality System	Sunnylab operates a quality management system, which complies with the requirements of ISO 9001:2000, certificate # FM 22989.
Storage	-15°C
Application	For in-vitro laboratory research only. NOT for in-vivo or therapeutic use.

Material Component Information				
Component	UN No.	CAS Nomenclature	% of Total	Recommended TLV's
CA125	N/A	N/A	Approx 0.1%	Not Known
Other Proteins (not identified)	N/A	N/A	<0.01%	Not Known
NaH <sub>2</sub> PO <sub>4</sub>	N/A	7558-80-70	Approx 0.3%	Oral Rat LD50 8290mg/kg
NaCl	N/A	7647-14-5	Approx 0.9%	Oral Rat LD50 3000mg/kg
NaN <sub>3</sub>	N/A	26628-22-8	0.09%	Oral Rat, LD50 27mg/kg

### Physical Characteristics

<b>Form (liquid, solid etc.)</b>	Frozen Liquid
<b>Solubility</b>	N/A
<b>Reactivity</b>	Reacts in acidic solution or when heated to evolve toxic gas.
<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>	Wash off skin thoroughly with water; remove contaminated clothing and wash before reuse.
<b>Mouth</b>	Wash out mouth thoroughly with water; give plenty of water to drink.



### Control and Protective Measures

<b>Respirator</b>	Use approved respirator where necessary for dealing with spillage.
<b>Ventilation</b>	Use approved laboratory fume hood 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 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.