



Document No MSDSP230-0v1

MATERIAL SAFETY DATA SHEET

Product	
Product Name	Apolipoprotein A2
Sunnylab Code No.	P230-0
Source Material	Normal Human Plasma
Product Presentation	Supplied as a 0.2µm filtered frozen solution in 48mM sodium phosphate buffer pH 7.2 containing 0.145M NaCl, 3mM Benzamidine Hydrochloride Monohydrate and 0.2% sodium azide.
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
APO A2	N/A	N/A	Approx 1%	Not Known
Other Proteins (not identified)	N/A	N/A	<0.1%	Not Known
NaH₂PO₄	N/A	7558-80-7	0.6%	Oral Rat LD50 8290mg/kg
NaCl	N/A	7647-14-5	0.9%	Oral Rat LD50 3000mg/kg
NaN₃	N/A	26628-22-8	0.2%	Oral Rat LD50 27mg/kg
Benzamidine	N/A	1670-14-0	0.05%	Not available

Physical Characteristics

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

Health Hazard Data

Acute	Toxic by ingestion may irritate skin and eyes.
Chronic	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

Eyes	Irrigate thoroughly with water; seek medical attention.
Lungs	Remove to fresh air; if not breathing give artificial respiration; seek medical attention.
Skin	Wash off skin thoroughly with water; remove contaminated clothing and wash before reuse.
Mouth	Wash out mouth thoroughly with water; give plenty of water to drink.



Control and Protective Measures

Respirator	Use approved respirator where necessary for dealing with spillage.
Ventilation	Use approved laboratory fume hood where necessary.
Gloves	Wear approved laboratory gloves made from latex or other stronger material at all times when handling this product.
Eye protection	Wear approved eye protection while handling this product.
Other measures	Normal laboratory attire is recommended, wash thoroughly after handling and avoid prolonged exposure.

Storage and Disposal

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