



Document No MSDSE128-4v1

MATERIAL SAFETY DATA SHEET

Product	
Product Name	Human Acetylcholinesterase (ACHE)
Sunnylab Code No.	E128-4
Source Material	Human Erythrocytes
Product Presentation	Single homogenous batch, in 0.02M HEPES, pH 8.0, containing 0.1% Triton X-100. Sterile filtered through a 0.2µm membrane.
Manufacturing Quality System	Sunnylab operates a quality management system, which complies with the requirements of ISO 9001:2000, certificate # FM 22989.
Storage	2-8°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
ACHE	N/A	N/A	Approx. 0.1%	Not Known
Other Proteins (not identified)	N/A	N/A	<0.1%	Not Known
HEPES	N/A	7365-45-9	0.47%	Not known
Triton X-100	N/A	9002-93-1	0.1%	1800mg/Kg Oral Rat



Physical Characteristics

Form (liquid, solid etc.)	liquid
Solubility	N/A
Reactivity	N/A.
Fire /explosion hazard data	May evolve toxic fumes in fire.
Fire precautions	N/A.

Health Hazard Data

Acute	N/A.
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	N/A.
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	N/A.
Ventilation	N/A.
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. 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.