



## MATERIAL SAFETY DATA SHEET

Product	
<b>Product Name</b>	Alpha Amylase
<b>Sunnylab Code No.</b>	E101-2
<b>Source Material</b>	Human Saliva
<b>Product Presentation</b>	Single homogenous batch supplied lyophilised from 10 mM Tris-HCl buffer, pH. 7.5.
<b>Manufacturing Quality System</b>	Sunnylab operates a quality management system, which complies with the requirements of ISO 9001:2000, certificate # FM 22989.
<b>Storage</b>	2-8°C short term, -15°C long term

Material Component Information				
Component	UN No.	CAS Nomenclature	% of Total	Recommended TLV's
Alpha amylase	N/A	N/A	Approx. 50%	N/A
Other Proteins(not identified)	N/A	N/A	<1%	N/A
Trizma Base	N/A	000077861	Approx. 50%	LD 50 rat 5.9 Kg/Kg oral



### Physical Characteristics

<b>Form (liquid, solid etc.)</b>	White solid, Lyophilised
<b>Solubility</b>	N/A
<b>Reactivity</b>	N/A
<b>Fire /explosion hazard data</b>	N/A
<b>Fire precautions</b>	N/A

### Health Hazard Data

<b>Acute</b>	Low order of acute toxicity. 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>	N/A
<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>	N/A
<b>Ventilation</b>	N/A
<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. 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.