

1. Information of the substance/mixture and of the company/undertaking	
1.1 Commercial product name	LIPOPROTEIN (a) (Lp (a))
Cat. No.:	LP8324
1.2 Company:	RANDOX Laboratories Ltd., 55 Diamond Road, Crumlin, Co. Antrim, United Kingdom, BT29 4QY Tel: +44 (0) 28 9442 2413; Fax: +44 (0) 28 9445 2912 Email: msds@randox.com Website: www.randox.com
1.3 In Emergencies:	Tel: +44 (0) 28 9442 2413

2. Hazards identification	
	Contains no hazardous substances in reportable quantities
Classification:	No hazardous chemicals as classified by CHIP 3

3. Composition / Information on Ingredients	
Warnings:	For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. Reagents contain sodium azide. May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, avoid inhalation and ingestion. Sodium azide reacts with lead or copper plumbing to form potentially explosive azides. When disposing of such reagents flush with large volumes of water to prevent azide build up. Exposed metal surfaces should be cleaned with 10% sodium hydroxide.
Risk phrases:	None
Safety phrases:	None

4. First aid measures	
Emergency First Aid:	Call an internal First Aider where available or else contact a physician immediately. Direction for First Aider or Physician:
Inhalation:	If inhalation occurs move the patient to fresh air. If not breathing give artificial respiration. If breathing is difficult then give oxygen.
Ingestion:	If patient is conscious wash out mouth with water. Give one or two glasses of water or milk to dilute and induce vomiting. Get immediate medical attention
Skin Contact:	Remove all contaminated clothing immediately. Wash off with soap and plenty of water. Wash contaminated clothing before reuse.
Eye Contact	Rinse immediately with water for 10 minutes. Transport to hospital for further medical attention.

5. Fire-fighting measures	
Flash point:	Not known
Flammable limits:	Not known
Extinguishing media:	Use water spray, foam, dry powder or CO ₂ as the extinguish medium.
Special Fire Fighting Procedures:	N/A
Unusual Fire and Explosion Hazards:	N/A
Thermal decomposition:	Thermal decomposition of components is unlikely to result in gases which are damaging to health in any quantity.

6. Accidental release measures	
After spillage:	<p>If local regulations permit, mop up with plenty of water and run to waste diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.</p> <p>For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.</p> <p>If material has entered drains it may be necessary to inform local authorities.</p>
Absorbent material:	No restriction

7. Handling and storage	
7.1 Handling:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
7.2 Storage	Store at temperatures and conditions as indicated on the product label
Do not store together:	N/A

8. Exposure controls/personal protection	
MEL/OES	Not known
Respiratory protection:	None required
Eye protection:	Safety glasses
Hand protection:	Standard laboratory chemical rubber or latex gloves
Skin protection:	A laboratory coat or apron is recommended

9. Physical and chemical properties	
Physical state:	Liquid reagents
Colour:	Buffer colourless ; latex reagent milky solution
Odour:	None
pH value:	N/A
Boiling point	N/A
Melting point:	N/D
Oxidising properties:	N/D
Ignition temperature	N/D
Explosion limits:	N/D
Density:	N/D
Solubility in water:	Soluble

10. Stability and reactivity	
Stability:	Essentially stable and non-reactive
Conditions to avoid:	Non determined
Substances to avoid:	Avoid contact with metals and acids
Hazardous decomposition products:	None

11. Toxicological information:	
LD50 oral	Not known
LD50 intraperitoneal	Not known
LD50 skin	Not known
LC50 inhalation	Not known
Toxicologic information:	There is no evidence of adverse toxicological problems.

12. Ecological information	
Water hazard class:	Data not yet available

13. Disposal considerations	<p>Each disposal facility must determine proper disposal methods of the substance or preparation and any contaminated packaging to comply with Local and National Environmental Regulations</p> <p>Refer to Section 6.</p>
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14. Transport Information			
GGVE/GGVS:	Data not yet available	RID/ADR	Data not yet available
ICAO/IATA-DGR:	Data not yet available	UN-Nr.:	Data not yet available
IMDG-CODE:	Data not yet available	MFAG	Data not yet available
		EMS:	Data not yet available

15. Regulatory information	
	This product contains no hazardous chemicals in reportable quantities according to CHIP 3.
Hazard symbol:	None
Risk phrases:	None
Safety phrases:	None
Precautions:	See Section 3

16. Other information	
	The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our products is responsible for observing any National laws and guidelines applicable.