

1. Product and Con	pany Identification		
Product No.:	LAB107		
Product Name:	Kanamycin Aesculin Azide I (K.A.A. Broth)	Broth	
Manufacturer:	LAB M Limited Topley House 52 Wash Lane Bury Lancashire, BL9 6AU United Kingdom	T: F: E: W:	+44 (0) 161 797 5729 +44 (0) 161 762 9322 <u>labm@idgplc.com</u> <u>www.idgplc.com</u>

#### 2. Composition and Information on Ingredients

Hazardous ingredients:

Component	CAS number	Concentration	Classification	Risk phrases
	EINECS number			
Ferric Ammonium Citrate	1185-57-5	1.5% w/w	-	-
	214-686-6			
Sodium Azide	26628-22-8	0.005% w/w	T+, N	R 28, R 32
	247-852-1			R 50/53
Kanamycin Sulphate	25389-94-0	0.0006% w/w	Т	R 37, R 42, R 61
	246-933-9			

#### 3. Hazard Identification

Most important hazard:	Irritating to eyes, respiratory system and skin.
Health hazard > Inhalation:	Irritating to the respiratory system.
Health hazard > Skin:	May cause irritation.
Health hazard > Eyes:	Material will cause irritation.
Health hazard > Ingestion:	Material will cause irritation.
4. First Aid Measures	
After inhalation:	Remove to fresh air; if breathing becomes difficult seek medical advice.
After skin contact:	Wash off with copious amounts of water. Repeated or prolonged contact may cause dermatitis.
After eye contact:	Flush with copious amounts of water; if irritation persists seek medical advice.
After ingestion:	Make victim drink plenty of water to dilute stomach contents; seek medical advice.



#### 5. Fire Fighting Measures

Extinguishing media, suitable: Water spray, Carbon dioxide, dry chemical powder or foam.

6. Accidental Release Meas	ures	
Personal precautions:	Wear disposable gloves, eye protection, dust mask and protective clothing.	e
Spill:	Sweep or vacuum material and place in a designated waste conta Ventilate and use a water rinse to clean the spill site after materia pickup is complete.	
7. Handling and Storage		
Handling:	Avoid contact with eyes, skin and clothing. Prevent inhalation of	f dust.
Storage:	Keep container tightly closed. Store in a well ventilated area at 10 to $30^{0}$ C.	
8. Exposure Controls and I	ersonal Protection	
Engineering controls:	Engineering methods to prevent control or exposure to dust are preferred. Methods include process or personnel enclosure, mech ventilation, and control of process conditions.	nanical
Protective measures > Hands:	Protective disposable gloves.	
Protective measures > Eyes:	Chemical safety glasses or goggles.	
Protective measures > Body:	Laboratory coat.	
Protective measures > Inhalation:	Dust mask.	
UK Occupational Exposure Limits	(preparation) > Iron salts (as Fe) Long term $- 1 mg/M^3$ Short term $- 2 mg/M^3$	
	Sodium Azide (as $NaN_3$ ) Long term – 0.1 mg/M <sup>3</sup> Short term – 0.3 mg/M <sup>3</sup>	
9. Physical and Chemical F	roperties	

Physical form:	Powder.
Colour:	Pale straw.
pH (at 33 g/L H <sub>2</sub> O):	6.8 - 7.2



10.Stability and Reactivity	
Stability:	Stable under recommended storage and handling conditions (refer to part 7 of this MSDS). Hygroscopic.
Reactivity:	Avoid strong oxidising agents.
11. Toxicological Informati	on
Acute toxicity:	Quantitative data on the toxicity of this product is not available.
Eye irritation:	The possibility of allergic sensitisation should be considered.
Skin irritation:	The possibility of allergic sensitisation should be considered.
12. Ecological Information	
Ecotoxic effects:	Quantitative data on the toxicity of this product is not available.
Further ecological data:	No ecological problems are to be expected when the product is handled and used with due care and attention.
13. Disposal Considerations	3
Product:	Must be disposed of in full compliance with all federal, state and local environmental regulations.
Packaging:	Must be disposed of in full compliance with all federal, state and local environmental regulations.
14. Transport Regulations	
UN number:	Not regulated.
ADR/RID classification:	Not regulated for road transport.
IATA classification:	Not regulated for air transport.
IMDG classification:	Not regulated for sea transport.



15. Regulatory Information		
Hazard symbol:		Xn, Harmful
Risk phrases:	R22. R 36/37/38.	Harmful if swallowed Irritating to eyes, respiratory system and skin.
Safety phrases:	S 36/37/39. eye/face protec	Wear suitable protective clothing, gloves and stion.
16. Further Information		
Reason for Issue:	Alteration to fo	ormat of MSDS.

The information contained in this MSDS is based on the present state of our knowledge. It characterises this product with regards to the appropriate safety precaution. It does not represent a guarantee of the properties of this product. LAB M Limited shall not be held liable for any damage resulting from the handling or from contact with this product.