

BIOCONNECTIONS

THORP ARCH ESTATE

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PRODUCT SAFETY DATA SHEET

1.	a. Product Name:	Colistin, Nalidixic acid Supplement
	b. Product Code:	S2012
	c. Product Formulation:	Colistin sulphate and Nalidixic Acid in an inert carrier.
2.	Hazard Identification:	
	Symbol:	None required as present in small quantities.
	Phrases:	None required.
3.	Transport Information:	None required.
4.	Regulatory Information:	Complies with all current Health and Safety, COSHH and CHIP Regulations.
5.	Physical & Chemical Properties:	
	a. Physical Description:	Pale yellow lyophilised pellet.
	b. Chemical Properties:	Soluble in water.
6.	Fire Fighting Measures:	Use water spray, CO ₂ , foam or dry powder as the extinguisher medium. Antibiotics may decompose on heating to give toxic fumes, e.g. SO _x and NO _x .
7.	Health Hazards:	This product is for laboratory use only and should not be taken internally. It is essentially non-hazardous when used as directed. <u>General adverse effects caused by overexposure to antibiotics include:-</u> 1. Allergic reactions may occur e.g. skin rashes, photosensitivity, dermatitis and reddening and generalised hypersensitivity reactions. 2. Nausea, vomiting and diarrhoea and other gastrointestinal problems may occur. 3. Neurological problems may occur e.g. visual disturbances, headaches, dizziness, drowsiness, confusion, mental depressions and hallucinations. Also neuropathies, and muscle aches and weakness. 4. Blood disorders may occur rarely e.g. alterations in blood cell counts and electrolyte imbalance. Nalidixic Acid is described as harmful with possible risk of irreversible effects. It may also cause sensitisation by inhalation and skin contact. Toxicological Information: Nalidixic acid may be a possible risk of harm to the unborn child
8.	First Aid:	
	a. Eyes	Rinse eyes immediately with water for 10 to 15 minutes with eyelids open. Seek medical advice.
	b. Ingestion	Wash mouth out with plenty of water and seek medical advice.
	c. Skin Contact:	Wash skin thoroughly with soap and water. In the event of redness or itching seek medical advice.
	d. Inhalation:	Remove subject from area of exposure. Seek medical advice.

9. Stability & Reactivity:	Essentially stable and non-reactive.
10. Accidental Release/ Spillage Measures:	Wear appropriate protective clothing. For small amounts wash to drain with plenty of water. For large amounts sweep or vacuum up into a container and arrange for disposal.
11. Disposal:	Dispose of small amounts via the drain (local authorities may have limits for harmful substances). For large amounts dispose of via an authorised disposal tip.
12. Exposure Control and Personal Protection:	Wear protective gloves when handling the product directly. Do not breathe dust, allow contact to skin or swallow.
13. Ecological Information:	None implemented.
14. Storage & Handling:	Store at 2 to 8°C in a dry atmosphere and in the sealed container provided.
15. Other Information:	Complied with information from Martindale - The Extra Pharmacopoeia, suppliers safety data sheets, BDH and Sigma/Aldrich/Fluka databases. This product is intended for <i>in vitro</i> diagnostic use only. Not for use in humans. The information herein is believed to be correct as of the date given, and excludes any guarantee related with the final use given to the product, the recipient being the last responsible for observing the local laws applicable in each case.
Date:	30/09/02 DH v1