

**KEY SCIENTIFIC PRODUCTS****MATERIAL SAFETY DATA SHEET**

1.	a. Product Name:	Beta-Lactamase positive control
	b. Product Code:	K112
	c. Product Formulation:	Each disc contains penicillinase enzyme in a buffered base.
2.	Hazard Identification: Symbol: Phrases:	None required None required.
3.	Transport Information:	None required.
4.	Regulatory Information:	See CHIP Regulations 1993.
5.	Physical & Chemical Properties: a. Physical Description: b. Chemical Properties:	White to yellow disc Soluble in water.
6.	Fire Fighting Measures:	Use water spray, CO <sub>2</sub> , foam or dry powder as the extinguisher medium. Non-flammable, non-combustible.
7.	Health Hazards:	No data available. Although there is no evidence that the enzyme(s) in this preparation induces specific respiratory hypersensitivity, all proteins are potential respiratory allergens and may result in respiratory sensitization in certain individuals after repeated and/or prolonged inhalation exposure, producing mild to severe symptoms similar to pollen allergy or asthma, including mucous membrane or eye irritation, itching of the skin or eyes, sneezing, nasal or sinus congestion, coughing, and tightness in the chest. These symptoms may develop as late as 12 hours after exposure.
8.	Stability & Reactivity:	Essentially stable and non-reactive
9.	First Aid: a. Eyes b. Ingestion c. Skin Contact: d. Inhalation:	No data available. Eye exposure may cause irritation, redness and itching. No data available. No data available. Skin contact may cause irritation, dryness and redness No data available
10.	Accidental Release/ Spillage Measures:	Sweep or vacuum and discard as routine waste. (See 11 below). Spillage of inoculated discs should be handled according to guidelines for bacteriological hazards.
11.	Disposal:	Uninoculated discs may be discarded as normal waste. Inoculated disc should be discarded in a manner appropriate for biological hazard.
12.	Exposure Control and Personal Protection:	Do not swallow.
13.	Ecological Information:	None implemented.
14.	Storage & Handling:	Store at 0 to 8 C in a dry atmosphere and in the sealed container provided.
15.	Other Information:	Compiled with information from Sigma/Aldrich databases.
	Date:	06/02/11