

## KEY SCIENTIFIC PRODUCTS

### PRODUCT SAFETY DATA SHEET

1. a. Product Name:	LEAD ACETATE STRIPS
b. Product Code:	K375
c. Product Formulation:	Each strip contains less than 0.05 gms lead acetate trihydrate. Cas code 6080-56-4
2. Toxicity Data	Carcinogen evidence IMEMDR 1,40,72 Fifth Annual Report of Carcinogens, 1989 Anticipated to be carcinogenic
3. Transport Information:	None required.
4. Regulatory Information:	See RTECS (Registry of Toxic Effects of Chemical Substances for complete toxic data.
5. Physical & Chemical Properties: a. Physical Description:	Paper strip impregnated with lead acetate.
b. Chemical Properties:	Lead acetate is soluble in water.
6. Fire Fighting Measures:	Use water spray, CO2, foam or dry powder as the extinguisher medium. Non-flammable, non-combustible.
7. Health Hazards:	Acute effects: harmful if swallowed, inhaled or absorbed through skin. Handle only with gloves or forceps. Avoid prolonged exposure. Strips do not present an inhalation hazard. Effect of direct contact: reproductive disorders, may alter genetic material, Target organs: blood, nervous system, G.I. system, Skeletal muscle.
8. Stability & Reactivity:	Essentially stable and non-reactive. May decompose on direct exposure to light.
9. First Aid: a. Eyes	If dissolved solution is splashed into eyes, rinse immediately with water for 10 to 15 minutes with eyelids open. Seek medical advice.
b. Ingestion	Drink large amounts of water. If more than 5 strips seek medical advice.
c. Skin Contact:	Wash skin with soap and water. No reaction anticipated.
d. Inhalation:	In normal use of strips, inhalation should not be a factor.
10. Accidental Release/ Spillage Measures:	Sweep or vacuum and discard as routine waste. (See 11 below). Spillage of inoculated solution should be handled according to guidelines for bacteriological hazards.
11. Disposal	Strips 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 2 to 8 C in a dry atmosphere and in the sealed container provided.
15. Other Information:	Compiled with information from Sigma/Aldrich databases.
Revision Date:	Aug, 2005