

**Key Scientific Products**

**PRODUCT SAFETY DATA SHEET**

1.	a. Product Name:	Potassium hydroxide Solution
	b. Product Code:	Multiple K980650, K980651, K980652, K980670, K9651, K9652
	c. Product Formulation:	Each vial contains potassium hydroxide in water according to the percentage shown on the respective labels.
2.	Hazard Identification:	
	Phrases:	Phrases apply to pure KOH only. Dilutions of less than 40% are not applicable. Risk 22-35 Safety 26-36-37-39-45
3.	Transport Information:	None required.
4.	Regulatory Information:	RTECS TT2100000
5.	Physical & Chemical Properties:	Clear liquid
	a. Physical Description:	Soluble in water.
	b. Chemical Properties:	UN813 8/pg2
6.	Fire Fighting Measures:	Use water spray, CO2, foam or dry powder as the extinguisher medium. Non-flammable, non-combustible.
7.	Health Hazards:	This product is for laboratory use only and should not be taken internally. Symptoms in such individuals may include a burning sensation, coughing, headache, nausea, or vomiting.
	Toxicological Information:	
8.	Stability & Reactivity:	Essentially stable and non-reactive
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	Wash out mouth with water. Seek medical advice.
	c. Skin Contact:	Wash skin with soap and water. Mild burning sensation may occur.
	d. Inhalation:	No vapors produced or hazard anticipated.
10.	Accidental Release/Spillage Measures:	Excessive liquid may be absorbed with sand, soda ash, or soaked into paper towels. Wear gloves to avoid contact with liquid.
11.	Disposal:	Empty container may be discarded as normal waste. Absorption material such as paper towels, etc., should be used if large amounts of liquid are to be discarded.
12.	Exposure Control and Personal Protection:	Wear gloves when handling spilled liquid.
13.	Ecological Information:	None implemented.
14.	Storage & Handling:	Store at 2 to 8 C.

15. Other Information:	Compiled with information from Sigma/Aldrich databases.
Date:	06/22/05