

Key Scientific Products

PRODUCT SAFETY DATA SHEET

1. a. Product Name:	KOVACS' REAGENT
b. Product Code:	K170, K980170
c. Product Formulation:	Each vial contains a 5 % o-dimethylaminobenzaldehyde, w/v R code 22 75% alcohol v/v R10-20/22 9.3% v/v hydrochloric acid. R34-37
2. Hazard Identification:	
Symbol:	F, Xn.
Phrases:	RISK-22-34-37 SAFETY 22-25-26-37
3. Transport Information:	None required.
4. Regulatory Information:	HAZARD C RTECS NO5425000, MV4025000 SWISS POISON CODE 2
5. Physical & Chemical Properties:	
a. Physical Description:	Yellow liquid.
b. Chemical Properties:	Soluble in water.
6. Fire Fighting Measures:	Use water spray, CO2, foam or dry powder as the extinguisher medium. Flash point 42.7C. Vapor can ignite above flash point. Total volume 3 or 30 ml.
7. Health Hazards:	This product is for laboratory use only and should not be taken internally Hydrochloric acid may be fatal if swallowed. This dilution does not react with water. It may be caustic to the touch. Reactions can occur in cases where the person has extreme skin sensitivity. 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:	Will create burning sensation. Wash skin with soap and water. Discoloration of skin will disappear in 24-48 hours.
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. Wash areas with soap and water to reduce staining. Wear protective gloves while cleaning. Discard with normal laboratory trash.
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:	Do not swallow. Avoid spills to prevent stains.

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:	04/10/01