

# AZ INSTRUMENT CORP.

## Material Safety Data Sheet

SECTION I - IDENTITY INFORMATION	
INGREDIENT	KBr
CHEMICAL NAME	potassium bromide; bromide salt of potassium
CAS No.	7758-02-3
MANUFACTURER	Shanghai Guanghua Techonology Ltd. <a href="http://www.e-chem.com.cn">http://www.e-chem.com.cn</a>
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DATE PREPARED	2004-01-01
SECTION II - PHYSICAL/CHEMICAL CHARACTERISTICS	
BOILING POINT	1380 degree C
MELTING POINT	730 degree C
VAPOR PRESSURE	0.13 kPa@795 degree C
WATER SOLUBILITY	Soluble
APPEARANCE /ODOR	white granules with a bitter, saline taste, odorless
SECTION III - HEALTH HAZARD DATA	
ROUTE OF ENTRY	Inhalation, Ingestion, and skin absorption
HEALTH HAZARDS	Inhalation may cause respiratory tract irritation. Irritative to eyes and skin. Harmful if swallowed. May cause headache, dizziness, drowsiness, and nausea.
SECTION IV: EMERGENCY & FIRST AID MEASURES	
EYES	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lift the upper and lower eyelids. Get medical aid.
SKIN	Remove contaminated clothing and shoes. Flush skin with plenty of water for at least 15 minutes Get medical aid.
INHALATION	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
INGESTION	If swallowed, Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.
SECTION V: FIRE FIGHTING MEASURES	
FLASH POINT :	not flammable
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.
UNUSUAL FIRE & EXPLOSION HAZARDS	Emits toxic fumes under fire conditions.
SECTION VI - EXPOSURE CONTROLS, PERSONAL PROTECTION	
Evacuate area. Wear respirator, protective clothing, chemical safety goggles, rubber boots and gloves when handling. Sweep up but avoid raising dust. Collect in a bag and hold for waste disposal. Ventilate the area and wash spill site after materials pick up is complete.	
SECTION VII - HANDLING AND STORAGE	
HANDLING	Wear respirator, protective clothing, chemical safety goggles, rubber boots and gloves when handling. Ventilate the operation room. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.
STORAGE	Store in a cool dry place. Away from fire or moisture.
SECTION VIII - REACTIVITY DATA	
STABILITY	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
MATERIALS TO AVOID	Strong oxidizers, acids, and bromine trifluoride
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