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**Part Number:** 000212  
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## MATERIAL SAFETY DATA SHEET

### -----Section 1. Identification-----

PRODUCT NO: 550051 550055	NAME: Organophosphate/Carbamate Screen Tube Kit Organophosphate/Carbamate Screen Plate Kit
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### -----Section 2. Hazardous Ingredients-----

COMPONENT:	CAS#	%WT	EXPOSURE LEVELS
Bromine	7726-95-6	<0.01	Threshold limit value (TLV/TWA): 0.7 mg/m <sup>3</sup> (0.1 ppm) Short term Exposure Limit (STEL): 2 mg/m <sup>3</sup> (0.3 ppm) Permissible Exposure Levels (PEL): 0.7 mg/m <sup>3</sup> (0.1 ppm) Inhalation Mouse LC <sub>50</sub> : 750 ppm

### -----Section 3. Physical Data-----

BOILING POINT: Not applicable	MELTING POINT: Not applicable
VAPOR PRESSURE (mm Hg): Not applicable	VAPOR DENSITY: Not applicable
SPECIFIC GRAVITY (H <sub>2</sub> O=1): Not applicable	EVAPORATION RATE: Not applicable
SOLUBILITY (WATER): Components are soluble	SOLUBILITY (OTHER): No data available
APPEARANCE, ODOR, AND OTHER: Kit containing separate vials of solutions and reagents	

### -----Section 4. Fire and Explosion Hazard Data-----

FLASH POINT (METHOD)/FLAMMABLE LIMITS (LEL-UEL):  
Negligible fire and explosion hazard when exposed to heat or flame.

EXTINGUISHING MEDIA:  
Media suitable to extinguish the supporting or surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:  
No information available

UNUSUAL FIRE OR EXPLOSION HAZARDS:  
No information available

### -----Section 5. Reactivity Data-----

STABILITY:  
Stable. Reactivity not expected with the product.

----- **Section 6. Health Hazards** -----

**Primary Route(s) of Exposure/Entry:** Skin, Eyes and Mouth. Flush skin and eyes with large amounts of water for at least fifteen minutes while removing contaminated clothing and shoes. If ingested or inhaled, seek prompt medical attention.

**Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:**

Eye and skin exposure to Bromine may cause irritation, severe irritation, or burns. Adverse effects from Bromine inhalation may include irritation of nose and throat, severe irritation of respiratory systems, coughing, chest pains, irritation of nose and pulmonary edema.

Bromine is a strong oxidizer and may cause nausea, vomiting, gastrointestinal irritation and burns to mouth and throat.

**Carcinogenicity:** None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

**FIRST AID INFORMATION:**

Remove from exposure. Flush from skin or eyes with large amounts of water. Eye lids may be occasionally lifted, until no evidence of chemical remains. If irritation is evident or if ingested or inhaled, seek prompt medical attention. If bromine is ingested, do NOT induce vomiting. If conscious, give water, milk or milk of magnesia.

----- **Section 7. Spill and Disposal Information** -----

**SPILLS:**

Wear appropriate personal protective equipment and clothing. Contain spill and collect in suitable waste container. Avoid contact of materials with skin or eyes. Use adequate ventilation.

**WASTE DISPOSAL:**

Dispose of material in accordance with applicable local, state and federal regulations.

----- **Section 8. Special Protection Information** -----

**RESPIRATORY PROTECTION:**

A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH and appropriate to hazard.

**VENTILATION:**

Mechanical (general) or local exhaust, as needed to control exposure to dust, vapors or mists.

**PERSONAL PROTECTIVE EQUIPMENT:**

Gloves are recommended  
Safety glasses  
Lab coat or other long sleeved garment to limit skin exposure  
Access to a safety shower and eye-wash

-----**Section 9. Special Requirements**-----

**PRECAUTIONS:**

Do not inhale, ingest or allow material to contact skin or eyes.

**COMMENTS:**

Store at 2-8°C.

This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200.

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