

Information Data Sheet

Action Detector Tube Phosgen-A

Part No. (US): 804431

Part No. D5085761

1. Application

Quick orientative check of ambient atmosphere for hazardous concentrations of phosgene (Carbonyl chloride, COCl₂).

2. Detector Tube Sampling Pump

KWIK DRAW pump, Gas-Tester I/H, Gas-Tester I, Toximeter III, Uniphos Kwik-Draw-Pump or other suitable detector tubes pumps. Observe respective instructions for use.

3. Measuring Range

The action detector tube has a mark conforming the following concentration:
0.1 ppm phosgene at n=5 (5 strokes).

4. Chemical Reaction and Color Change

Reaction of phosgene with Nitro-benzyl pyridine and benzyl aniline.

Color change: White → Reddish

5. Ambient Conditions During Sampling

Detector tubes can be used without compensation of the reading between 5 °C and 35 °C (40 °F and 95 °F) and up to 90% rh [36 g/m³ at 35 °C (95 °F)].

6. Interferences and Cross Sensitivities

- a) No interference from:
- chlorine up to 5 ppm.
 - hydrogen chloride up to 10 ppm.
 - sulfur dioxide up to 100 ppm.
 - chlorine, hydrogen chloride, nitrogen dioxide up to 20 ppm.

Manufactured By:
Uniphos Envirotronic Pvt. Ltd
P.O. Nahuli - 396 108
Tal. Umbergaon,
Dist: Valsad, Gujarat, India
Tel. : +91(260) 2730156 / 57 / 58
Fax : +91(260) 2730160
gasdetection@uniphos.com

Marketing Office:
Uniphos Envirotronic Pvt. Ltd
Readymoney Terrace, 167,
Dr. Annie Besant Road, Worli,
Mumbai 400 018, India.
Tel. : +91(22) 6123 3500
Fax : +91(22) 2493 8826/+91 (22) 2497 8119
www.kwikdrawtubes.com