

<b>NIK</b> ® Public Safety, Inc. 13386 International Parkway Jacksonville, FL 32218 (800) 773-8294	<b>Material Safety Data Sheet</b>  Test J - #6079
---	---

**SECTION 1 – IDENTITY**

<b>Name:</b> Nik Public Safety	<b>Address:</b> 13386 International Parkway, Jacksonville, FL 32218
<b>Emergency Contact:</b> Chemtel® United States (800) 255-3924 International – 813-248-0585 (Collect)	
<b>Common Name (Used on Label):</b> Test J – PCP Order No. 6079	<b>Date Prepared:</b> May 20, 2002
	<b>Chemical Family:</b> Does Not Apply
<b>Chemical Name:</b> Mixture	<b>Formula:</b> Trade Secret
<b>Trade Name &amp; Synonyms:</b> NIK (Narcotics Identification System) – Trademark of NIK Public Safety, Inc.	

**SECTION 2 – HAZARDOUS INGREDIENTS**

	Hazardous Component	CAS #	% (by wt)	TLV	PEL
Ampule 1	N/A				
Ampule 2	Glycerin USP	56-81-5	55.3%	Not Established	Not Established
Ampule 3	Phosphoric Acid (H <sub>3</sub> PO <sub>4</sub> ) <85%	76644-38-2	100%	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

NOTE: This product contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA)

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1987-88

**SECTION 3 – PHYSICAL DATA**

	Ampule 1	Ampule 2	Ampule 3
Boiling Point	100° C	260° C	Not Determined
Percent Volatile (by vol)	Not Determined	Not Determined	Not Determined
Solubility in Water	Soluble	Soluble	Soluble
Vapor Density (Air = 1)	Not Determined	Not Determined	Not Determined
Appearance and Odor	Colorless liquid with no odor	Blue liquid	Colorless, transparent liquid
Specific Gravity (H <sub>2</sub> O = 1)	1	1.255	1.9
Vapor Pressure (mm Hg)	Not Available	Not Determined	0.28 at 20° C
Evaporation Rate	Not Determined	Not Determined	Not Determined
Reactivity in Water	Not Reactive	Not Reactive	Not Reactive

**SECTION 4 – FIRE AND EXPLOSION DATA**

Flash Point	Not Determined
Extinguishing Media	Use extinguishing media appropriate for surrounding fire
Unusual Fire and Explosion Hazards	None
Special Fire Fighting Procedures	Use proper respiratory protection against fumes such as a self-contained breathing apparatus. Avoid inhalation of poisonous gases.
Flammable Limits in Air (% by Vol)	Lower – Not Determined Upper – Not Determined
Auto Ignition Temperature	Not Determined

**SECTION 5 – HEALTH INFORMATION**

	<b>Ampule 1</b>	<b>Ampule 2</b>	<b>Ampule 3</b>
Primary Routes of Exposure	Inhalation, contact with eyes or skin	Inhalation, contact with eyes or skin	Inhalation, contact with eyes or skin
Signs of Symptoms of Exposure	Acute Over Exposure		
	N/A	May cause skin, eye, and respiratory irritation	Irritation of eyes, nose and throat. Splashes in the eyes or on the skin will cause severe skin burns. Inhalation of acid vapors may be injurious to the lungs.
	Chronic Over Exposure		
	N/A	May cause mild irritation to the skin.	Repeated or prolonged exposure to acid may cause irritation of the skin or burns.
Medical Conditions Generally Aggravated by Exposure	N/A	Impaired pulmonary function or pre-existing skin disorders may be aggravated by exposure.	Impaired pulmonary function or pre-existing skin disorders may be aggravated by exposure.
Chemical/Component Listed as Carcinogen or Potential Carcinogen	None NTP – No IARC – No OSHA - No	None NTP – No IARC – No OSHA - No	None NTP – No IARC – No OSHA - No
Other Exposure Limits	None	None	None
Emergency & First Aid Procedures		Immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothes or shoes. Call a physician. Induce vomiting only if the contents of Ampule 2 are swallowed.	Immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothes or shoes. If acid is swallowed, do not induce vomiting. Call a physician. Give tap water, milk or milk of magnesia. Give whites of eggs beaten with water

**SECTION 6 – REACTIVITY DATA**

	<b>Ampule 1</b>	<b>Ampule 2</b>	<b>Ampule 3</b>
Stability	Stable	Stable	Stable
Conditions to Avoid	Not Determined	Not Determined	Not Determined
Incompatibility (Material to Avoid)		Lead Nitrate	Corrodes most metals and forms flammable hydrogen gas. Strong caustics.
Hazardous Decomposition Products			Toxic gases and vapors may be released
Hazardous Polymerization	Will not occur	Will not occur	Will not occur
Conditions to Avoid	Not applicable for polymerization	Not applicable for polymerization	Not applicable for polymerization

**SECTION 7 – SPILL OR LEAK PROCEDURES**

	Ampule 1	Ampule 2	Ampule 3
Steps to be taken in case material leaks or spills:	N/A	Wear protective equipment. Ventilate area. Dilute with sufficient water and add slight excess of soda ash. Mix and neutralize with 6M-HCl.	Wear protective equipment. Ventilate area. Cover acid spill with sodium carbonate. Add water if necessary to form a slurry. Scoop up slurry. Alternately use J. T. Baker's NEUTRASORB (No. 4456).
Waste Disposal Method	N/A	Dispose of wastes in accordance with federal, State and local codes. Normal disposal method for small quantities of neutralized acid is to discharge the diluted materials to sanitary sewer if local regulations permit. Consult a professional hazardous waste disposal service for disposal of large quantities of Cobalt Chloride.	Dispose of wastes in accordance with federal, State and local codes. Normal disposal method for small quantities of neutralized acid is to discharge the diluted materials to sanitary sewer if local regulations permit.

**SECTION 8 – PERSONAL PROTECTIVE INFORMATION**

Respiratory Protection	Respiratory protection is not required under normal intended uses. Self-contained breathing apparatus required during fire fighting.
Ventilation	Room ventilation is expected to be adequate except during spills or fires
Protective Gloves	Required when potential for contact exists.
Eye Protection	Required when possibility of contact exists.
Other Protective Clothing or Equipment	An eye wash fountain and safety shower should be readily available where the potential for contact exists.

**SECTION 9 – SPECIAL PRECAUTIONS**

Precautions to be taken in handling and storing	Store and handle according to package instructions. Store in cool, well-ventilated area. Keep away from reactive materials.
Other Precautions	Do not get in eyes on skin or on clothing. Avoid breathing vapors. Wash thoroughly after handling. Be prepared to neutralize and/or absorb spilled materials.

**SECTION 10 – TRANSPORTATION IDENTIFICATION**

DOT – Carton of Case: "This package conforms to 49 CFR 173.4"  
CAS#: 56-81-5, 7664-38-2

IATA – Dangerous Goods in Accepted Quantity  
ID Numbers: UN 1805  
Label Class: 8

**SECTION 11 – TOXICOLOGICAL DATA**

To the best of our knowledge the toxicological effects of this product have not been thoroughly investigated.

**SECTION 12 – ECOLOGICAL DATA**

To the best of our knowledge the ecological effects of this product have not been thoroughly investigated.