

NIK[®] Public Safety, Inc.
 13386 International Parkway
 Jacksonville, FL 32218
 (800) 773-8294

Material Safety Data Sheet

Test R - #6086

SECTION 1 – IDENTITY

Name: Nik Public Safety	Address: 13386 International Parkway, Jacksonville, FL 32218
Emergency Contact: Chemtel [®] United States (800) 255-3924	International – 813-248-0585 (Collect)
Common Name (Used on Label): Test R – Diazepam Order No. 6086	Date Prepared: July 30, 2002
Chemical Name: Does Not Apply	Chemical Family: Does Not Apply
Formula: Does Not Apply	
Trade Name & Synonyms: NIK (Narcotics Identification System) – Trademark of NIK Public Safety, Inc.	

SECTION 2 – HAZARDOUS INGREDIENTS

	Hazardous Component	CAS #	% (By Wt)	TLV	PEL
Ampule 1	Sodium Hydroxide (NaOH)	1310-73-2	100%	2 mg/m ³ *C	2 mg/m ³
Ampule 2	Isopropanol	67-63-0	99.7%	400 ppm	400ppm

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 Government Industrial Hygienists, 1987-88.

SECTION 3 – PHYSICAL DATA

	Ampule 1	Ampule 2
Boiling Point	Not Determined	82° C
Percent Volatile (by Vol)	Not Applicable	99.7
Solubility in Water	1g/9 ml @ 25° C	Complete
Vapor Density (Air=1)	Not Applicable	2.1
Specific Gravity (H ₂ O=1)	2.13	0.786
Vapor Pressure (mm Hg)	Not Applicable	33
Evaporation Rate	Not Applicable	8.6
Reactivity in Water	Exothermic	Not Reactive
Appearance and Odor	White Pellet	Clear, colorless liquid with odor of rubbing alcohol

SECTION 4 – FIRE AND EXPLOSION DATA

	Ampule 1	Ampule 2
Flash Point	Not Applicable	12° C
Extinguishing Media	Not Applicable	Carbon dioxide, dry chemical, alcohol foam
Unusual Fire and Explosion Hazards	Not Applicable	Avoid extreme heat and hot metal surfaces
Flammable Limits in Air (% by Vol)	Not Applicable	Lower: 2 (IPA) Upper: 12
Auto Ignition Temperature	Not Applicable	454° C
Special Fire Fighting Procedures	Not Applicable	Use proper respiratory protection against fumes such as a self-contained breathing apparatus. Avoid inhalation of poisonous gases.

SECTION 5 – HEALTH INFORMATION

	Ampule 1	Ampule 2
Primary Routes of Exposure	Inhalation, contact with eyes or skin	
Signs and Symptoms of Exposure	<u>Acute Overexposure</u> Irritation of eyes, nose and throat is possible. Contents are corrosive to any tissue including lungs, skin and eyes	<u>Acute Overexposure</u> Irritation of eyes, nose and throat is possible. May cause drowsiness, headache and unconsciousness.
	<u>Chronic Overexposure</u> Greatest danger includes rapid tissue destruction of the eyes or skin upon contact.	<u>Chronic Overexposure</u> May cause drying and cracking of the skin.
Medical Conditions Generally Aggravated by Exposure	Impaired pulmonary function, pre-existing eye problems, pre-existing skin disorders, pre-existing liver dysfunction may be aggravated by exposure.	
Chemical/Component Listed as Carcinogen or Potential Carcinogen	None	
	NTP – No IARC – No OSHA - No	
Other Exposure Limits	2 mg/m ³ ceiling (NIOSH & ACGIH) for NaOH	
Emergency & First Aid Procedures	In case of contact with the contents of either ampule, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothes and shoes. Call a physician. If the contents of either ampule are swallowed, do not induce vomiting. If the person is conscious, administer large amounts of water and call a physician.	

SECTION 6 – REACTIVITY DATA

	Ampule 1	Ampule 2
Stability	Stable	Stable
Conditions to Avoid	None	Heat
Incompatibility (Material to Avoid)	(NaOH) – Contact with water, acids, flammable liquids, and organic halogen. Contact with metals such as aluminum, tin, and zinc causes formation of hydrogen gas.	Contact with strong oxidizers may cause fires or explosions. Contact with nitric acid and tetranitromethane can be explosive.
Hazardous Decomposition Products	None	Carbon monoxide and oxides of nitrogen may be released in a fire with contents.
Hazardous Polymerization	Will not occur	Will not occur
Conditions to Avoid	Not applicable	Not applicable

SECTION 7 – SPILL OR LEAK PROCEDURES

	Ampule 1	Ampule 2
Steps to be taken in case material leaks or spills	Dilute spills with water and neutralize with 6M HCl acid or other spill neutralization products for NaOH	Eliminate all sources of ignition and ventilate the area. Wear proper protective equipment. Absorb spilled liquid with absorbent material such as paper towels or vermiculite.
Waste Disposal Method	Consult a professional hazardous waste disposal service for large quantities. Dispose of wastes in accordance with Federal, State, and Local Codes.	Consult a professional hazardous waste disposal service for disposal of flammable materials. Dispose of wastes in accordance with Federal, State, and Local Codes.

SECTION 8 – PERSONAL PROTECTIVE INFORMATION

	Ampule 1	Ampule 2
Respiratory Protection	Not required under normal and 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 potential for 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

	Ampule 1	Ampule 2
Precautions to be taken in handling & storage	Store and handle according to package instructions. Store in cool, well-ventilated area. Keep away from reactive materials.	
	Do not get in eyes. Do not get on skin or clothing. Avoid breathing vapor. Wash thoroughly after handling. Be prepared to neutralize and/or absorb spilled material.	

SECTION 10 – TRANSPORTATION IDENTIFICATION

DOT – Carton of Case: “This package conforms to 49 CFR 173.4”

CAS#: 1310-73-2, 67-63-0

IATA – Dangerous Goods in Accepted Quantity

	Label	Class
ID Numbers:	UN1823	8
	UN1597	6.1
	UN1219	3

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.