

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

Material Safety Data Sheet

Test U- #6087

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 U – Methamphetamine and Ecstasy Order # 6087	Date Prepared: July 31,2002 Chemical Family: Does not apply
Chemical Name: Does not apply	Formula:
Trade Name & Synonyms: NIK (Narcotics Identification System) – Trademark of NIK Public Safety, Inc.	

SECTION 2 – HAZARDOUS INGREDIENTS

	Ampule 1	Ampule 2	Ampule 3
Hazardous Component	Sodium Carbonate	Acetaldehyde	Sodium Nitroferrocyanide dihydrate
CAS #	497-19-8	75-07-0	14402-89-02
% (By Wt)	5.5	20	4
TLV	Not established	25 ppm	Not established
PEL	Not established	200 ppm	Not established
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 (AC 61H) 1987-88.			

SECTION 3 – PHYSICAL DATA

	Ampule 1	Ampule 2	Ampule 3
Boiling Point	100 °C	69 °F to 100 °F	100 °C
Percent Volatile (by Vol)	94.5	100	96
Solubility in Water	Complete	Miscible	Complete
Vapor Density (Air=1)	Not Applicable	Not Determined	Not Applicable
Specific Gravity (H ₂ O=1)	1.06875	0.958	1.0288
Vapor Pressure (mm Hg)	17.5 @ 25°C	Not Determined	17.5 @ 20°C
Evaporation Rate (Butyl Acetate = 1)	No Information Found	Not Determined	No Information Found
Reactivity in Water	Not Reactive	Not Reactive	Not Reactive
Appearance and Odor	Clear, colorless liquid, no odor	Clear, colorless liquid with pungent odor	Clear, dark amber liquid, no odor

SECTION 4 – FIRE AND EXPLOSION DATA

	Ampule 1	Ampule 2	Ampule 3
Flash Point	Not Applicable	Not Determined	Not Applicable
Extinguishing Media			
Unusual Fire and Explosion Hazards	May explode when applied to red hot aluminum	Vapor may travel back to source of ignition and flash back	Emits toxic fumes of cyanide under fire conditions
Flammable Limits in Air (% by Vol)	Not Applicable	LEL: 4 UEL: 60	Not Applicable
Auto Ignition Temperature	Not Applicable	Not Determined	Not Applicable
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and clothing to prevent contact with skin and eyes. Avoid inhalation of poisonous gases.	Wear self-contained breathing apparatus and clothing to prevent contact with skin and eyes. Avoid inhalation of poisonous gases.	Wear self-contained breathing apparatus and clothing to prevent contact with skin and eyes. Avoid inhalation of poisonous gases.

SECTION 5 – HEALTH INFORMATION

	Ampule 1	Ampule 2	Ampule 3
Primary Routes of Exposure	Inhalation, contact with skin or eyes	Inhalation, contact with skin or eyes	Inhalation, contact with skin or eyes
Signs and Symptoms of Exposure	Acute Overexposure : Irritation of eyes, skin and respiratory tract. Ingestion of high concentrations are destructive to tissues.	Acute Overexposure : Severe irritation to eyes, skin and respiratory tract. May cause sensitization of skin and respiratory track	Acute Overexposure : May be fatal by inhalation, ingestion or if absorbed through skin. Causes skin and eye irritation. May cause cyanosis (blue gray coloring of the skin and lips caused by lack of oxygen).
	Chronic Overexposure : Dermatitis and other skin disorders	Chronic Overexposure : May cause cancer and birth defects, skin disorders, liver and kidney damage.	Chronic Overexposure : Blood poisoning, cyanosis, may cause heritable genetic damage (mutagen).
Medical Conditions Generally Aggravated by Exposure	No information found	Eye, liver, kidney and pulmonary disorders. Problems associated with alcoholism because alcohol is metabolized to acetaldehyde.	No information found.
Chemical/Component Listed as Carcinogen or Potential Carcinogen			
NTP	No	Yes	No
IARC	No	Yes	No
OSHA	No	Yes	No
Other Exposure Limits	Unavailable	Unavailable	Unavailable
Emergency & First Aid Procedures	Rinse eyes or skin for at least 15 minutes with copious amounts of water. If swallowed, rinse out mouth with water and call a physician. Remove and rinse contaminated clothing or shoes before re-use.	Rinse eyes or skin for at least 15 minutes with copious amounts of water. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.	If swallowed, rinse out mouth with water and call a physician. Remove and rinse contaminated clothing or shoes before re-use. If ingested, give cyanide antidote kit. If inhaled, have patient inhale amyl nitrate for 15 to 30 seconds until a cyanide antidote kit can be administered.

SECTION 6 – REACTIVITY DATA

	Ampule 1	Ampule 2	Ampule 3
Stability	Yes	Yes	
Conditions to Avoid	None known	Heat	None known
Incompatibility (Material to Avoid)	Powdered alkaline earth metals, organic nitro compounds, fluorine, alkali metals, non-metallic oxides, conc. Of sulfuric acid, oxides of phosphorus.	Strong acids, bases, oxidizers, and reducing agents. May decompose on exposure to air.	Strong acids and oxidizing agents.
Hazardous Decomposition Products	Carbon and sodium oxides	Carbon oxides	Carbon, nitrogen and sodium oxides, hydrogen cyanide. Cyanide fumes may develop when material is contacted by acids.
Hazardous Polymerization	Will not occur	May undergo auto-polymerization	Will not occur

SECTION 7 – SPILL OR LEAK PROCEDURES

	Ampule 1	Ampule 2	Ampule 3
Steps to be taken in case material leaks or spills	Wear proper protective equipment. Take up with inert material such as paper towels or vermiculite.	Wear proper protective equipment. Take up with inert material such as paper towels or vermiculite. Remove all sources of ignition and ventilate the area.	Wear proper protective equipment. Take up with inert material such as paper towels or vermiculite.
Waste Disposal Method	In accordance with all local, state and federal regulations.	In accordance with all local, state and federal regulations.	In accordance with all local, state and federal regulations.

SECTION 8 – PERSONAL PROTECTIVE INFORMATION

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

Precautions to be taken in handling and storage	Store and handle according to packaging 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 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#: 497-19-8 75-07-0 14402-89-02

IATA – Dangerous Goods in Accepted Quantity

ID Numbers: UN-1809

Label Class: 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.

