

LYNN PEAVEY COMPANY

NIK® Public Safety, Inc. 13386 International Parkway Jacksonville, FL 32218 (800) 428-0588		Material Safety Data Sheet Ampule F - #6076 10024	
SECTION 1 - IDENTITY			
Name: NIK Public Safety, Inc.		Address: 13386 International Parkway, Jacksonville, FL 32218	
Emergency Contact: United States (800) 424-9300		International (202) 483-7616 (collect)	
Common Name (* Used on Label): Ampule F - Acid Neutralizer Order No. 6076		Date Prepared: June 4, 2002	
Chemical Name: Sodium Carbonate		Chemical Family: Alkalai, base	
Trade Name & Synonyms: NIK (Narcotics Identification System) - Trademark of NIK Public Safety, Inc		Formula: CNa_2O_3	
SECTION 2 - HAZARDOUS INGREDIENTS			
Hazardous Component CAS# % (By Wt) TLV PEL Soda Ash 497-19-8 100% 15 mg/m ³ *C 15 mg/m ³ *			
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			

Boiling Point Decomposes Percent Volatile (by Vol) N/A Solubility in Water – 7.1% wt. @ 8°C Vapor Density (Air=1) N/A Specific Gravity (ILO=1) 2.53 Vapor Pressure (mm Hg) N/A Evaporation Rate N/A Reactivity in Water Dissolves with evolution of heat Appearance and Odor Odorless, white hygroscopic powder or granular solid	
SECTION 4 – FIRE AND EXPLOSION DATA	
Flash Point N/A Extinguishing Media Not Combustible. Use extinguishing media appropriate for surrounding fire– Unusual Fire and Explosion Hazards None. Special Fire Fighting Procedures – None. Noncombustible material Flammable Limits in Air (% by Vol) – Lower – N/A Upper – N/A Auto Ignition Temperature N/A	
SECTION 5 – HEALTH INFORMATION	
Primary Routes of Exposure	Inhalation, contact with eyes or skin
Signs and Symptoms of Exposure:	(1) Acute Overexposure – Exposure to airborne dust or mist from solutions of this alkaline material can cause irritation of eyes, skin or upper respiratory tract on contact. It is only slightly toxic by ingestion.

	(2) Chronic Overexposure – Excessive contact is known to have caused soda ulcers on hands and perforation of the nasal septum. Sensitivity reactions may occur from prolonged and repeated contact. Concentrated solutions in prolonged contact with skin or eyes can destroy tissue.			
Medical Conditions Generally Aggravated by Exposure –	Impaired pulmonary function, pre-existing eye problems, pre-existing skin disorders may be aggravated by exposure.			
Chemical/Component Listed as Carcinogen or Potential Carcinogen -	None	NTP No	IARC No	OSHA No
Other Exposure Limits -	None			
Emergency & First Aid Procedures –	Eye Contact – Promptly flush eyes with plenty of running water for 15 minutes or more including under the eyelids. Consult a physician if irritation persists.			
	Skin Contact – Wash affected area of skin well with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and launder before re-use.			
	Inhalation – Remove to fresh air. Consult a physician for observation and treatment.			

SECTION 6 - REACTIVITY DATA

Stability

Unstable ____ Stable X

Incompatibility (Material to Avoid).

Strong Acids, Red-hot aluminum metal, fluorine gas at room temperature

Hazardous Decomposition Products

Soda ash begins to decompose slowly at 400° C on heating to give carbon dioxide and sodium oxide. It can produce an explosion if it contacts red-hot aluminum metal.

Hazardous Polymerization

Will not occur

Conditions to Avoid

Not Determined

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material leaks or spills

Ventilate area; scoop up solid for recovery or disposal. Use protection against skin contact or inhalation of dust or mists.

Waste Disposal Method

Dispose of wastes in accordance with Federal, State and local codes. After neutralization with, for example, dilute HCl and dilution, liquid waste can usually be discharged to the sanitary sewer with volumes of water.

SECTION 8 - PERSONAL PROTECTIVE INFORMATION

Respiratory Protection

Respiratory protection is not required under normal and intended uses.

Ventilation

Room ventilation is expected to be adequate.

Protective Gloves

Recommended when potential for contact with skin exists.

Eye Protection

Required when possibility of contact exists.

Other Protective Clothing or Equipment

An eye wash fountain 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 packaging instructions. Protect container from physical damage. Store in a well ventilated place away from strong acids. Follow good hygienic practices.

Other Precautions

Remove contaminated clothing and wash thoroughly after contact with liquid. Eye protection should be worn when possibility of eye contact exists.

SECTION 10 - TRANSPORTATION IDENTIFICATION

DOT Carton of Case: "This package conforms to 49 CFR 173.4."

CAS# - 497-19-8

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.

This document was created with Win2PDF available at <http://www.daneprairie.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.