

**1. Identification**

Product Name: Lynn Peavey Nite-Site Kit

SDS Number: LP NSK

Purpose: Aids in revealing fingerprints

Product: 05097, 06020

Use advised against: Any use which involves frequent skin contact.

Company: Lynn Peavey Company

10749 West 84th Terrace

Telephone: 913-888-0600

Lenexa, Kansas 66214-3612

Fax number: 913-495-6757

Product Information: 800-225-6499

Emergency Number: Chemtrec 800-424-9300

CPR STATEMENT: This product has been classified in accordance with the criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required.

**2. Hazards Identification**

Emergency overview:

OSHA Hazards

Causes serious eye irritation.

GHS Classification:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Eye irritation (Category 2A), H319

H319 Causes serious eye irritation.

Pictogram



Signal word

Warning

Hazard statement:

H319

Causes serious eye irritation.

Precautionary statements:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS - none

Hazard Category Classifications and Ratings

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	No	No	No	No	
HMIS Hazard Ratings: Health 2 Fire 0 Instability 0 Other B (Goggles, gloves)					
NFPA 704 Hazard Ratings: Health 2 Flammability 0 Reactivity 0 Special NA					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

**3. Composition and Information on Ingredients**

CAS #	SARA	Material or Component	Range of Composition	RQ#	ACGIH Exposure Limit Values	
	313 dm				TWA	STEL
497-19-8	NA NA	Sodium Carbonate (Soda ash)	99%	None	NE	NE
521-31-3	NA NA	3-Aminophthalhydrazide Luminol	1%	None	NE	NE

BEI= Biological Exposure Limit exists for this material      NA= Not applicable      NE= Not Established

No component is listed in "Threshold and Biological Exposure Indices for 2014" from ACGIH except as noted above. Components listed in Title III Sec. 313 (EPCRA) are indicated by "Yes" above.

TWA= Time Weighted Average; STEL= Short Term Exposure Limit

Contains 1% by weight of unknown toxicity.

**4. First Aid**

General advice: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin Contact: Wash off with soap and plenty of water. Consult a physician if irritation persists.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water and consult a physician.

Most important symptoms and effects, both acute and delayed: irritation of eyes or skin.

**5. Fire Fighting Measures**

Flammability Summary (OSHA):

Product is not flammable, but can generate oxygen-replacing carbon dioxide when heated.

Flammable Properties:

Flash Point: None

Autoignition Temperature: None

Upper Flammable/Explosive Limit, % in air: Not applicable

Lower Flammable/Explosive Limit, % in air: Not applicable

Conditions of flammability: None

Extinguishing Media:

Use equipment appropriate to the main source of the fire.

Do not allow contaminated water to enter sewers or waterways.

Fire Fighting Instructions:

In case of fire, use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers.

Hazardous Combustion Products:

Carbon dioxide may be produced.

**6. Accidental Release Measures**

Personal Protection for Emergency Situations:

Use personal protective equipment. Avoid dust formation.

Ensure adequate ventilation. Avoid breathing dust.

See Section 8 for personal protection.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

For disposal see section 13.

**7. Handling and Storage**

## Handling:

Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash with water.

Retained residue may make empty containers hazardous. USE CAUTION!

## Storage

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed as product is hygroscopic.

## Shelf Life Limitations:

See label or certificate of analysis for shelf life if applicable.

## Incompatible Materials for Storage:

Refer to Section 10, "Incompatible Materials."

**8. Exposure Controls and Personal Protection**

Components with workplace control parameters:

Contains no substances with occupational exposure limit values.

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before breaks and at the end of workday.

Personal protective equipment:

Eye and face protection: Safety glasses with side-shields.

Skin protection: Handle with gloves.

Body Protection: impervious clothing: Adapt according to amount of exposure anticipated.

Respiratory protection

For nuisance exposures use particle respirator.

Control of environmental exposure: Do not let product enter drains.

**9. Physical Data**

Physical State:	Powder, free flowing
Color:	White
Odor:	Nil
Odor threshold:	No data
pH (@ 25 Deg. C):	About 12 at 10% in water at 25 °C (77 °F)
Melting/ Freezing Point:	No data
Initial Boiling Point: / Boiling range:	Not applicable
Flash point:	None
Evaporation rate:	Not applicable
Flammability solid/ gas:	Not applicable
Upper flammability limit:	None
Lower flammability limit:	None
Vapor Pressure (mm Hg @ 20 Deg. C):	No data
Vapor Density (Air = 1):	No data
Relative density/ Specific Gravity:	2.5 g/cc approx.
Solubility in Water:	About 10% at 20 °C (68 °F)
Partition coefficient: n-octanol/ water:	No data
Auto ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	Powder

**10. Stability and Reactivity**

Stability and Reactivity Summary:

Stable under normal conditions.

Reactive Properties:

Sensitivity to mechanical shock: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Exposure to moisture and humid air: product is hygroscopic.

Chemical Incompatibility: Typical alkaline reactions. Also generates carbon dioxide when exposed to acids.

Incompatible materials: Corrosive to metals. Reacts with silicates, including glass.

Hazardous Decomposition Products: Carbon dioxide produced when heated.

Decomposition Temperature: No data

Product May Be Unstable At Temperatures Above: No data

**11. Toxicological Information**

Likely routes of exposure:

Skin contact

Eye contact

Effects from exposure:

Immediate

None expected

Severe irritation

Delayed

Skin irritation

None expected

Chronic

None expected

None expected

There is no data on the product toxicity or reproductive toxicity.

Component Animal Toxicology:

Sodium Carbonate

Luminol

Oral LD50 value:

4,090 mg/kg

No data

Dermal LD50 value:

No data

No data

Inhalation LC50 value:

5,750 mg/l rat, 2hr

No data

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC., ACGIH, NTP or OSHA.

**12. Ecological Information**

There is no ecological information on the product.

Sodium carbonate

Toxicity to fish: LC50 - *Lepomis macrochirus* (Bluegill) - 300 mg/l - 96 h

Toxicity to daphnia and EC50 - *Daphnia magna* (Water flea) - 265 mg/l - 48 h

Luminol:

No data available

Product:

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects: No data available

**13. Disposal Considerations**

Disposal Methods:

Dispose of in accordance with local, state and federal regulations for hazardous waste.

Contaminated packaging: Dispose of as unused product.

Components subject to land ban restrictions: None.

**14. Transportation Information**

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

**15. Regulatory Information**

## UNITED STATES:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components which require reporting.

SARA 311/312 Hazards: None

Pennsylvania Right To Know Components

CAS-No. Revision Date

Sodium carbonate CAS No. 497-19-8 Right to Know: PA, NJ

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects or other reproductive harm.

**16. Additional Information**

This Material Safety data sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information in this MSDS should be provided to all who will use, handle, store transport or otherwise be exposed to this product. We believe this information to be reliable and up to date as of its publication date, but make no warrantee that it is. If this MSDS is more than 3 years old you should contact the supplier to make certain that the information is still current.

Date of preparation: July 8, 2014

ACGIH = American Conference of Governmental Industrial Hygienists

OSHA = Occupational Safety and Health Administration

NIOSH = National Institute for Occupational Safety and Health

TLV = Threshold Limit Value; STEL = Short Term Exposure Limit.

\*TWA= Time Weighted Average; STEL= Short Term Exposure Limit

NE= Not Established A3= Confirmed Animal carcinogen with Unknown Relevance to Humans