For 10121, 10121S, 10126, 10126S

Quick Check Marijuana KN

SEE

15057 KN Reagent - Right Ampoule

15058 KN Reagent – Left Ampoule

Safety Data Sheet

1. Identification

Product Name: Lynn Peavey Chem SK KN Reagent-Right Ampoule
Item number: 15057 MSDS Number: LP 15057
Product use: Part of field test kit. Preparation date: May 8, 2015
Use not recommended: Any in which the product touches any part of the body.
Chemical Family or Formula: Sodium hydroxide solution
Supplier: Lynn Peavey Company Phone: 913-888-0600
10749 W. 84th Terrace Fax: 913-495-6757
Lenexa, KS 66214 Email: lpv@peaveycorp.com
Product Information: 913-888-0600
Transportation Emergency:: 800-424-9300 (U.S. and North America)
(703) 527-3887 (Outside U.S. collect calls accepted)

2. Hazard(s) identification

GHS Classification in accordance with 29 CFR 1910 .1200
Corrosive to metals (Cat. 1) H290 May be corrosive to metals.
Skin corrosion (Cat. 1A) H314 Causes severe skin burns and eye damage.
Serious eye damage (Cat. 1) H318 Causes serious eye damage.
Acute aquatic toxicity (Cat. 3) H402 Harmful to aquatic life.
GHS Label elements, including precautionary statements
Pictogram

Signal word: Warning
Hazard statements:
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H402 Harmful to aquatic life.
Precautionary statements:
P260 Do not breathe dust or mist.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ face protection.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor/ physician.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
P501 Dispose of contents/ container to an approved waste disposal plant.

3. Composition / Information on ingredients

Chemical identity: Sodium hydroxide 20%
Common name: Caustic soda
Numbers of identity: CAS 1310-73-2 EINECS 212-185-5
Impurities: None which influence classification

4. First-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of danger.

P301+330+331 IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting
Never give anything by mouth to an unconscious person. Consult a physician.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water.

P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Consult a physician.
Remove contact lenses if present and easy to do; continue rinsing.
Continue rinsing eyes during transport to hospital.

Most important symptoms and effects, both acute and delayed: Severe eye irritation. Skin irritation.

Indication of any immediate medical attention and special treatment needed when necessary: No data.

5. Firefighting measures

Suitable extinguishing media: Product is not flammable. Use media appropriate to main cause of fire.

Examples: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Sodium oxides

Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid dust formation. Avoid breathing dust and any mist developed.

Ensure adequate ventilation. Evacuate personnel to safe areas.

For personal protection see section 8.

Environmental precautions

Prevent more spillage if safe to do. Avoid discharge into the environment.

Arrange pick up and disposal without creating dust. Sweep up or shovel.

Store in a suitable, closed container for disposal or reclaim.

For disposal see section 13.

7. Handling and storage

Handling:

Avoid formation of mist and aerosols.

Provide appropriate exhaust ventilation at places where mist is formed. For precautions see section 2.

Storage:

Keep container tightly closed in a dry place.

8. Exposure controls/ personal protection

Information on the system design: Product is intended for external use only. Stay up wind, out of any spray.

Exposure Limits:		Reference 29CFR 1910.1000 Table Z-1	
Component Name, CAS#		ACGIH	OSHA
Sodium hydroxide	CAS 1310-73-2	C 2 mg/m3	C 2 mg/m3

Personal protective equipment

Respiratory protection: No requirement anticipated.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron if repeated contact with solution is likely.

Hygiene measures : Wash hands and face before breaks and immediately after handling the product.

9. Physical and chemical properties

Appearance:	Clear liquid
Odor:	Nil
Odor threshold:	Not available
pH-value:	14 @1% in water
Melting/ freezing point:	No data
Initial boiling point:	No data
Flash point:	Does not flash.
Evaporation rate:	Not applicable
Flammability (solid, gas):	Not applicable
Explosion limits:	Not explosive

Vapor pressure: (highest partial vapor pressure) at 20°C: Not available

Vapor density:	Not available
Relative density (water=1.00):	Not available

Solubility: Totally soluble in water at 20°C

Partition coefficient: Log Kow = Not applicable to mixture.

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Liquid

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.

Possibility of hazardous reactions: Hydrogen may be formed by contact with metals listed below.

Product has typical reactions of a highly caustic material.

Conditions to avoid: No dangerous conditions known. Humidity will clump the product.

Materials to avoid: Avoid concentrated contact with aluminum tin, lead or zinc coated metals.

Reacts vigorously with all acids, organic and mineral.

Hazardous decomposition products: None are known. Also see Section 5.

11. Toxicological information

Acute Toxicity: No information available for finished product.

Test	Sodium hydroxide CAS 1310-73-2
Oral Toxicity LD 50 (Rats)	300-500 mg/kg
Dermal Toxicity LD 50 (Rabbit)	>2 gm/kg
Inhalation Toxicity, Vapor, LC50	No data found
Eye Irritation (Rabbit)	Causes severe eye burns
Dermal Irritation (Rabbit)	500 mg/24 hour(s) skin - rabbit severe.
Germ cell mutagenicity:	No data found
Carcinogenicity	No data found

No component listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen.

Signs and Symptoms of Exposure

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Symptoms include: burning sensation, pain, severe skin or eye irritation or corrosion.

12. Ecological information

There is no ecological information available on the product.
Sodium hydroxide CAS 1310-73-2
Toxicity to fish: LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h
LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h
Toxicity to daphnia and Immobilization EC50 - Daphnia - 40.38 mg/l - 48 h
Other aquatic invertebrates: No data.
Persistence and degradability:
The methods for determining the biological degradability are not applicable to inorganic substances.
Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13. Disposal considerations

Product as made has the characteristic of corrosivity and qualifies as:
" Unlisted Hazardous Waste D002", RQ 100#.
Dispose in accordance with local, state and federal regulations.
Dispose of contaminated packaging as unused product.

14. Transport information

DOT
UN 1824, Sodium hydroxide solution, 8, PG II ERG 154
Poison Inhalation Hazard: No
The description shown may not apply to all shipping situations. Consult 49CFR, OSHA or appropriate regulations.

15. Regulatory information

Inventory Status:
All components are on TSCA, EINECS/ELINCS, AICS, and DSL.
U.S. Regulations:
U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:
SARA (311/312) HAZARD CATEGORIES:
Sodium hydroxide CAS 1310-73-2
SARA 313: This product contains the following SARA 313 Toxic Release Chemicals : None
The following product components are cited on the lists below:

Chemical Name	CAS Number	List Citations
Sodium hydroxide	CAS 1310-73-2	RTK: MA, NJ, PA

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

16. Other information

SDS Preparation date: May 8, 2015

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

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Note: The information in this SDS was obtained from current reputable and competent sources. However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

Safety Data Sheet

1. Identification

Product Name: Lynn Peavey SK KN Reagent (Left Ampoule) MSDS Number: LP KN 15058
Item number: See "Product Codes" Product Codes: 15058
Product use: Law enforcement field work.
Use not recommended: Any use in which product liquid touches the body or fumes are breathed in.
Chemical Family or Formula: Pigment in trichloroethylene

Supplier: Lynn Peavey Company Phone: 913-888-0600
10749 W. 84th Terrace Fax: 913-495-6757
Lenexa, KS 66214 Email: lpv@peaveycorp.com

Product Information: 913-888-0600
Transportation Emergency:: 800-424-9300 (U.S. and North America)
(703) 527-3887 (Outside U.S. collect calls accepted)
CPR STATEMENT: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

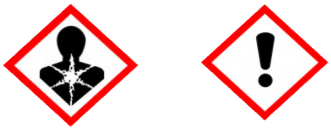
2. Hazards identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin irritation (Cat 2)	H315 Causes skin irritation.
Eye irritation (Cat 2A)	H319 Causes serious eye irritation.
Germ cell mutagenicity (Cat 2)	H341 Suspected of causing genetic defects.
Carcinogenicity (Cat 1B)	H350 May cause cancer.
Specific target organ toxicity - single exposure (Cat 3), Central nervous system	H336 May cause drowsiness or dizziness.
Acute aquatic toxicity (Cat 3)	H402 Harmful to aquatic life
Chronic aquatic toxicity (Cat 3)	H412 Harmful to aquatic life with long lasting effects

GHS Label elements, including precautionary statements

Pictogram



Signal word: Danger

Hazard statements:

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing fume/ mist/ vapors/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P302, P352	IF ON SKIN: Wash with plenty of soap and water.
P304, P340, P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305, P351, P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308, P313	IF exposed or concerned: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P403, P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/ container to an approved waste disposal plant.

3. Composition / Information on ingredients

Chemical identity:	Trichloroethylene		99.5%
Common name:	TCE		
Numbers of identity:	CAS 79-01-6	EC 201-167-4	
Chemical identity:	Fast Blue B		0.5%
Common name:	Diazo Blue B		
Numbers of identity:	CAS 14263-94-6	EC 238-153-2	
Impurities:	None which influence classification of the product.		

4. First-aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Rinse continuously with water for several minutes.
Remove contact lenses if present and easy to do; continue rinsing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed: Severe eye irritation. Skin irritation.

5. Firefighting measures

Suitable extinguishing equipment:
Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Emergency procedures:
Eliminate ignition source. Evacuate unnecessary personnel. Call appropriate fire fighting crew.
Special protective equipment for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous decomposition products formed under fire conditions. - Carbon oxides, product vapors, hydrogen chloride.
Use water spray to cool unopened containers.

6. Accidental release measures

Use personal protective equipment. Avoid breathing, mist or vapors. Ensure adequate ventilation.
Remove all sources of ignition. Evacuate personnel to safe areas. Be aware of possible accumulating vapors which could form explosive concentrations. Vapors can accumulate in low areas.
Environmental precautions:
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Contain spillage, and then absorb with industrial absorbent, or collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.
See also Sec. 13.

7. Handling and storage

Precautions for safe handling:
Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.
Keep away from sources of ignition - No smoking.
Prevent the build up of electrostatic charge.
Conditions for safe storage:
Keep container tightly closed in a dry and well-ventilated place.
Containers which have been opened must be resealed and kept upright to prevent leakage.

8. Exposure controls/ personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits:		Reference 29CFR 1910.1000 Table Z-1	
Component Name, CAS#		OSHA TWA	ACGIH TLV
Trichloroethylene	79-01-6	100 ppm C 200 ppm	10 ppm
Fast Blue B Salt	14263-94-6	Not established	Not established

Personal protective equipment

Respiratory protection: No requirement anticipated. Avoid breathing vapors.
Hand protection: Rubber gloves.
Eye protection: Safety glasses with side-shields.
Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely; flame retardant and antistatic properties are recommended.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands and face before breaks and immediately after handling the product.

9. Physical and chemical properties

Appearance: Clear, dark blue liquid
Odor: Characteristic
Odor threshold: No data available
pH-value: No data available
Melting/ freezing point: -84.8 °C (-120.6 °F) - pure TCE (lit.)
Initial boiling point: 86.7 °C (188.1 °F) - pure TCE (lit.)
Flash point: No data available
Evaporation rate: No data available
Flammability (solid, gas): Not applicable
Explosion limits: Lower: 8%V; Upper: 10.5% (Vol) TCE
Vapor pressure: 61.0 mmHg at 20.0 °C (68.0 °F)
Vapor density: >1
Relative density (water=1.00): 1.5 approx.
Solubility: No data available
Partition coefficient: Log Kow = Not applicable to mixture.
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: Not available

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.
Possibility of hazardous reactions: May form explosive mixture with air.
Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.
Materials to avoid: Alkali metals, oxidizing agents, peroxides
Hazardous decomposition products: none anticipated

11. Toxicological information

There is no data available for the product.
Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

	Trichloroethylene
Oral Toxicity LD 50:	4920 mg/kg (rat)
Dermal Toxicity LD 50:	>20,000 mg/kg (rbt)
Inhalation Toxicity, Vapor, LC50	4 h - 8450 ppm (mse)
Eye Irritation (Rabbit)	Irritating 24 hr
Dermal Irritation (Rabbit)	Severe 24 hr

Chronic Effects on Humans:
TCE: This product is or contains a component that has been reported to be possibly carcinogenic based on IARC, ACGIH, NTP, or EPA classification.
California Prop. 65 chemicals: This product contains chemicals known to State of California to cause cancer, birth defects, or other reproductive harm: Trichloroethylene
Signs and Symptoms of Exposure:
Central nervous system depression, prolonged or repeated exposure can cause nausea, dizziness, Central Nervous System impairment.

12. Ecological information

Ecotoxicity: Not available for the product. BOD and COD: Not available.
Trichloroethylene toxicity to fish
LC50 - Pimephales promelas (fathead minnow) - 41 mg/l - 96.0 h
Products of Biodegradation:
No information.

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be handled as a hazardous waste and sent to an RCRA approved incinerator or disposed in a RCRA approved waste facility.
Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.
Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

DOT (US)
UN number: 1710 Class: 6.1 PG III
Proper shipping name: Trichloroethylene, solution
Reportable Quantity (RQ): 100 lbs
Poison Inhalation Hazard: No
The description shown may not apply to all shipping situations. Consult 49CFR, OSHA or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name, labeling) and mode-specific or quantity-specific shipping requirements,

15. Regulatory information

OSHA Hazards: Hazard Communication Standard (29 CFR 1910.1200).
Skin and eye irritation. Cancer.
SARA 302 Components: None
SARA 311/312 Hazards
Trichloroethylene: Acute Health Hazard, Chronic Health Hazard
SARA 313 Components: Trichloroethylene
Inventory Status: All components are on TSCA, EINECS/ELINCS, AICS, and DSL.
Federal and State Regulations:
State Right to Know lists (RTK): Trichloroethylene (CAS 79-01-6) MA, PA, NJ
This product is or contains a component that has been reported to be possibly carcinogenic based on IARC, ACGIH, NTP, or EPA classification. Limited evidence of carcinogenicity in animal studies
California Prop. 65 chemicals: This product contains chemicals known to State of California to cause cancer, birth defects, or other reproductive harm: Acetaldehyde.

16. Other information

SDS Preparation date: May 11, 2015 SDS Code: LP KN 15058

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

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Note: The information in this SDS was obtained from current reputable and competent sources. However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.
This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).