

**MSDS - Material Safety Data Sheet****Product Name: Phencyclidine (PCP) Reagent (Ampoule 1)**

EVIDENT, INC.  
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 contact@evident.cc

MSDS No.: NARK2009A

**I. Basic Information:**

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/31/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

2	Health
1	Flammability
1	Reactivity
H	Pers. Protection

**II. Ingredients:** Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
3017605	Cobalt (II) thiocyanate	2					X		NE	.05 mg/m3	
7732185	Water (Distilled)	98							None	None	212 F

**III. Hazardous Identification:**

Hazard Category:

 Acute  Chronic  Fire  Pressure  Reactive
**Hazardous Identification Information:**

May be harmful if ingested. May be absorbed through the skin. May cause nervous system disturbances.

The chemical, physical, and toxicological properties of cobalt (II) thiocyanate have not been thoroughly investigated.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

**IV. First Aid Measures:**

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Signs and Symptoms:

Ingestion: Nausea, vomiting

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory, pulmonary, thyroid, kidney diseases

# MSDS - Material Safety Data Sheet

## Product Name: Phencyclidine (PCP) Reagent (Ampoule 1)

MSDS No.: NARK2009A

### Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: If victim is conscious and alert, wash out mouth with water and give victim plenty of water to drink. (Never give anything by mouth to an unconscious person!) Induce vomiting. Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

### Other Health Warnings:

### V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: NE

Upper Explosive Limit: NE

### F.P. Method:

Fire Extinguishing Media: Carbon dioxide, dry chemical powder, appropriate foam

### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

### Unusual Fire and Explosion:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

### VI. Accidental Release Measures:

#### Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Dilute with water and add slight excess of soda ash. Mix and neutralize with 6M HCl. Soak up with inert absorbent material (sand or earth recommended; do not use flammable substances such as sawdust). Ventilate and wash spill site after collection. Dispose according to local, state, and federal regulations.

### VII. Handling and Storage:

#### Precautions to be Taken:

Keep in closed container. Keep cool and dry. Protect from direct sunlight and moisture. Do not store above room temperature. Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. Wash thoroughly after handling. Be prepared to neutralize and absorb spilled thiocyanate.

#### Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Use only in well-ventilated areas.

#### Personal Protective Equipment:

Safety goggles, neoprene or gauntlet gloves, vapor respirator, protective clothing

# MSDS - Material Safety Data Sheet

## Product Name: Phencyclidine (PCP) Reagent (Ampoule 1)

MSDS No.: NARK2009A

### IX. Physical and Chemical Properties:

**Boiling Point:** ~212 F

**Melting Point:** ~32 F

**Evaporation Rate (Butyl Acetate = 1):** NE

**Vapor Pressure (mm Hg.):** NE

**Specific Gravity (H2O = 1):**

**Vapor Density (AIR = 1):** NE

**Solubility In Water:** Soluble

**Appearance and Odor:** Clear pink liquid

**Other Information:**

### X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Moisture, acids, oxidizing agents, chlorates, nitrates, organic peroxides, ignition sources (heat, open flame, spark), light

**Decomposition/By Products:**

Cyanides, sulfur oxides

**Hazardous Polymerization:**

Not applicable for polymerization.

### XI. Toxicological Information:

The toxicological properties of cobalt (II) thiocyanate have not been thoroughly investigated.

### XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life. Do not allow to enter soil.

### XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

### XIV. Transport Information:

Keep in closed container. Keep cool and dry. Protect from direct sunlight and moisture. Do not transport above room temperature. Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. Wash thoroughly after handling. Be prepared to neutralize and absorb spilled thiocyanate.

IATA

Shipping name: Chemical kit

Hazard class: 9

UN no.: 3316

Packing group: II

### XV. Regulatory Information:

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

# *MSDS - Material Safety Data Sheet*

***Product Name: Phencyclidine (PCP) Reagent (Ampoule 1)***

***MSDS No.: NARK2009A***

<b><i>XVI. Other Information:</i></b>
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Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

**MSDS - Material Safety Data Sheet****Product Name: Phencyclidine (PCP) Reagent (Ampoule 2)**

MSDS No.: NARK2009B

**I. Basic Information:**

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/31/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

2	Health
1	Flammability
2	Reactivity
H	Pers. Protection

**II. Ingredients:** Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP	SUB Z	313						
7664382	Phosphoric acid	100.00					X		1 mg/m3	1 mg/m3	158 C

**III. Hazardous Identification:**

Hazard Category:

 Acute  Chronic  Fire  Pressure  Reactive
**Hazardous Identification Information:**

Corrosive! Hygroscopic! My cause severe irritation to the respiratory and digestive tracts with possible burns. Causes skin and eye burns.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

**IV. First Aid Measures:****Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

**Health Hazards (Acute and Chronic):**

Acute: Severe skin and eye burns

Chronic: Dermatitis, conjunctivitis

**Signs and Symptoms:**

Inhalation: Coughing, burns, breathing difficulty, coma

Ingestion: Severe pain, nausea, vomiting, diarrhea, shock

**Medical Conditions Generally Aggravated by Exposure:**

Skin, eye, pulmonary diseases

# MSDS - Material Safety Data Sheet

## Product Name: Phencyclidine (PCP) Reagent (Ampoule 2)

MSDS No.: NARK2009B

### Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of milk or water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

### Other Health Warnings:

### V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: NE

Upper Explosive Limit: NE

#### F.P. Method:

Fire Extinguishing Media: Water fog, dry chemical, carbon dioxide, regular foam

#### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

#### Unusual Fire and Explosion:

### VI. Accidental Release Measures:

#### Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (sand, dry lime, or soda ash recommended; do not use flammable substances such as sawdust). Ventilate and wash spill site after collection. Dispose according to local, state, and federal regulations.

### VII. Handling and Storage:

#### Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Do not ingest or inhale. Wash thoroughly after handling.

#### Other Precautions:

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Use only in well-ventilated areas.

#### Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

# MSDS - Material Safety Data Sheet

## Product Name: Phencyclidine (PCP) Reagent (Ampoule 2)

MSDS No.: NARK2009B

### IX. Physical and Chemical Properties:

Boiling Point: 158 C

Melting Point: 42.35 C

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): NE

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): NE

Solubility In Water: Soluble

Appearance and Odor: Clear, odorless liquid

Other Information:

### X. Stability and Reactivity:

Stability:

Stable under normal temperatures and pressures.

Incompatibility (Materials to Avoid):

Metals, ignition sources (heat, open flame, spark), alkalies (bases), alloys, chlorides, sodium tetrahydroborate, aldehydes, amines, amides, alcohols, glycols, azo-compounds, carbamates, esters, caustics, phenols, cresols, ketones, organophosphates, epoxides, explosives, combustible materials, unsaturated halides, organic peroxides, sulfides, mercaptans, cyanides, fluorides, halogenated organics, nickel carbonate, nitromethane

Decomposition/By Products:

Phosphorus oxides, phosphate salts, explosive hydrogen gas, trinickel orthphosphate

Hazardous Polymerization:

May occur.

### XI. Toxicological Information:

Corrosive! Hygroscopic! My cause severe irritation to the respiratory and digestive tracts with possible burns. Causes skin and eye burns.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

### XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

### XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

### XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Do not ingest or inhale. Wash thoroughly after handling.

IATA

Shipping name: Chemical kit

Hazard class: 9

UN no.: 3316

Packing group: II

# *MSDS - Material Safety Data Sheet*

***Product Name: Phencyclidine (PCP) Reagent (Ampoule 2)***

***MSDS No.: NARK2009B***

## ***XV. Regulatory Information:***

All ingredients are listed on the TSCA inventory.

Phosphoric acid is listed as a Hazardous Substance under the Clean Water Act.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

## ***XVI. Other Information:***

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.