

## 1. CHEMICAL IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME:  $\alpha$ -Naphthaleneacetic Acid, Potassium Salt

PRODUCT NUMBER: N610

COMPANY INFO: PhytoTech Labs Inc.  
 14610 W 106<sup>th</sup> St. Lenexa, KS 66215  
 Phone: 1-888-749-8682 or 1-913-341-5343  
 www.phytotechlab.com

EMERGENCY PHONE NUMBER 1-800-535-5053 - US Only  
 (INFOTRAC): 1-352-323-3500 - International

RECOMMENDED USE: Research Only

RESTRICTIONS ON USE: Products sold by PhytoTech Labs Inc. are intended for research and laboratory use only. Products are not to be used as human or animal therapeutics, cosmetics, agricultural or pesticidal products, food additives, or as household chemicals

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture:

GHS Classification:

- H315 - Skin irritation (Category 2)
- H319 - Eye irritation (Category 2A)
- H335 - Specific target organ toxicity - single exposure (Category 3)

### GHS Label Elements:



Signal Word: **Danger**

### Hazard Statements:

- H302 – Harmful if swallowed.
- H315 – Causes skin irritation.
- H319 – Causes serious eye irritation
- H335 – May cause respiratory irritation.

### Precautionary Statements:

- P261 – Avoid breathing dust.
- P273 – Avoid release to the environment.
- P280 – Wear protective gloves/ eye protection/ face protection.
- P301 + P312 + P330 – IF SWALLOWED: Get Medical Attention if you fell unwell. Rinse mouth.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: K-NAA; 1-Naphthaleneacetic Acid, Potassium Salt

CAS No: 15165-79-4

Formula: C<sub>12</sub>H<sub>9</sub>KO<sub>2</sub>

Molecular Weight: 224.3 g/mol

EC No.: 239-220-9

| Ingredient                                       | CAS Number | Percent | Hazardous                                       |
|--|------------|---------|---|
| $\alpha$ -Naphthaleneacetic Acid, Potassium Salt | 15165-79-4 | >97%    | No exposure limits established by OSHA or ACGIH |

## 4. FIRST AID MEASURES

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

| <b>Route of Entry</b> | <b>Symptoms</b>   | <b>First Aid Procedures</b>  |
|-----------------------|---|--|
| Ingestion             | May cause irritation if swallowed   | If swallowed, wash out mouth with water. Never give anything by mouth to an unconscious person. <b>Get medical attention.</b>  |
| Inhalation            | May cause irritation to respiratory tract   | Safely remove victim to fresh air. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. <b>Get medical attention.</b>    |
| Eye Contact           | Direct contact may cause irritation. May cause redness, tearing, or blurred vision. | Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. <b>Get medical attention if irritation persists.</b> |
| Skin Contact          | Irritating. May cause reddening, itching or inflammation.                           | Wash area thoroughly with soap and water. Remove and wash contaminated clothing. <b>Get medical attention if irritation persists.</b>  |

Most Important Symptoms or Effects, Both Acute and Delayed:

See section 2 and/or section 11

Recommendation for Immediate Medical Care and Special Treatment Needed:

No data available

## 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| Suitable Extinguishing Media:                                 | Water spray, carbon dioxide, dry chemical powder, or appropriate foam. Use extinguishing media suitable for surrounding fire.                                       |
| Special Protective Equipment and Precaution for Firefighters: | In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus. Evacuate the area and fight fire from a safe distance. |
| Hazardous Combustion Products:                                | Carbon monoxide, carbon dioxide.  |

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protection recommended in Section 8. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to safe areas. Avoid breathing dust.

|                                    |   |
|------------------------------------|---|
| Environmental Precautions:         | Prevent further leakage or spillage if safe to do so. Do not let product enter drains.  |
| Method of Containment and Cleanup: | Wear suitable protective clothing. Avoid dust formation. Carefully sweep up and remove. Place material in a dry container and cover. Remove from the area. Flush spill area with water. Do not let products enter drains. |

## 7. HANDLING AND STORAGE

|                                  |  |
|----------------------------------|--|
| Precaution for Safe Handling:    | Avoid contact with skin and eyes. Avoid dust formation and aerosols. Avoid incompatible substances. Do not breathe dust. Provide adequate ventilation at places where dust is formed. Wash thoroughly after use. |
| Conditions for Safe Storage:     | Keep in a tightly closed container and store in a cool, dry, and well-ventilated area.   |
| Recommended Storage Temperature: | Room Temperature   |
| Incompatibilities:               | Strong oxidizing agent, strong bases   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|  |   |
|--|---|
| OSHA's Permissible Exposure Limits (PELs): | None  |
| Threshold Limit Values (TLVs):             | None  |
| Engineering Controls:                      | Handle in accordance to general industrial hygiene and safety practice. |
| Personal Protective Equipment (PPE):       |   |

|                         |  |
|-------------------------|--|
| Eye/Face Protection:    | Chemical safety glasses or goggles. Have eye-washing facilities readily available where eye contact can occur.   |
| Skin Protection:        | Protective gloves  |
| Body Protection:        | Lab coat   |
| Respiratory Protection: | Wear an appropriate dust mask.<br>A NIOSH/MSHA approved air purifying respirator is recommended where airborne concentrations are expected to exceed exposure limits. Protection provided by purifying respirators is limited. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |                               |
|--|---|-------------------------------|
| Appearance:                              | White to light yellow crystalline solid |                               |
| pH:                                      | No data available                       |                               |
| Solubility:                              | KOH, NaOH                               |                               |
| Melting Range:                           | No data available                       |                               |
| Vapor Density:                           | No data available                       |                               |
| Vapor Pressure:                          | No data available                       |                               |
| Specific Gravity:                        | No data available                       |                               |
| Odor:                                    | No data available                       |                               |
| Odor Threshold:                          | No data available                       |                               |
| Viscosity:                               | No data available                       |                               |
| Relative Density:                        | No data available                       |                               |
| Evaporation Rate:                        | No data available                       |                               |
| Initial Boiling Point and Boiling Range: | No data available                       |                               |
| Flammability (solid, gas):               | No data available                       |                               |
| Partition coefficient: n-octanol/water): | No data available                       |                               |
| Auto-ignition Temperature:               | No data available                       |                               |
| Decomposition Temperature:               | No data available                       |                               |
| Flash Point (Closed Cup):                | No data available                       |                               |
| Flammable Limits:                        | Upper (%) – No data available           | Lower (%) – No data available |

## 10. STABILITY AND REACTIVITY

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Reactivity:                       | No data available                     |
| Chemical Stability:               | Stable under normal conditions of use |
| Possibility of Hazard Reactions:  | No data available                     |
| Conditions to Avoid:              | No data available                     |
| Incompatibles Materials:          | Strong oxidizing agents, bases        |
| Hazardous Decomposition Products: | Carbon dioxide, carbon monoxide       |

## 11. TOXICOLOGICAL INFORMATION

|                  |  |                   |
|------------------|--|-------------------|
| Toxicity:        | LD <sub>50</sub> (Oral-Rat)(mg/Kg):      | No data available |
|                  | LD <sub>50</sub> (IP-Rat)(mg/Kg):        | No data available |
|                  | LD <sub>50</sub> (Dermal-Rabbit)(mg/Kg): | No data available |
| Carcinogenicity: | NTP:                                     | No                |
|                  | IARC:                                    | No                |

OSHA Reg: No

Reproductive Toxicity: No data available  
Specific Target Organ Toxicity: Single Exposure: No data available  
Repeated Exposure: No data available  
Target Organs: None identified  
Medical Conditions Aggravated By Exposure: None identified  
Routes of Entry: Ingestion, inhalation, skin and eye contact  
NIOSH/RTECS NO: QJ1270000

*The toxicological properties of this product have not been thoroughly investigated*

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available  
Persistence and Degradability: No data available  
Bioaccumulative Potential: No data available  
Mobility in Soil: No data available  
Other Adverse Effects: Harmful to aquatic life

## 13. DISPOSAL CONSIDERATION

Disposal Procedure: Dispose in accordance with all applicable federal, state, and local environmental regulations.  
EPA Hazardous Waste Number: No data available

## 14. TRANSPORT INFORMATION

Domestic (D.O.T.): Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED)  
Hazard Class: N/A  
UN/NA: N/A  
Labels: N/A

### International:

IMDG: Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED)  
Hazard Class: N/A  
UN/NA: N/A  
Labels: N/A

IATA: Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED)  
Hazard Class: N/A  
UN/NA: N/A  
Labels: N/A

## 15. REGULATORY INFORMATION

TSCA: No

### SARA TITLE III:

Section 302 (EHS) Ingredients: No

Section 313 Ingredients: No

Section 304 (EHS/CERCLA) Ingredients: No

Section 311/312 Hazard: Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right to Know Components:** Not subject to the Massachusetts Right to Know Act.

**Pennsylvania Right to Know Components:** Not subject to the Pennsylvania Right to Know Act.

**New Jersey Right to Know Components:** Not subject to the New Jersey Right to Know Act.

**California Prop. 65 Components:** 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

|              |                      |                     |                        |                            |
|--------------|----------------------|---------------------|------------------------|----------------------------|
| HMIS Rating: | <b>Health Hazard</b> | <b>Flammability</b> | <b>Physical Hazard</b> | <b>Personal Protection</b> |
|              | 2                    | 0                   | 0                      | B                          |
| NFPA Rating: | <b>Health Hazard</b> | <b>Fire Hazard</b>  | <b>Instability</b>     | <b>Special Hazard</b>      |
|              | 2                    | 0                   | 0                      |                            |

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