

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Product identifier**

**Product Name** (-) Pseudoecgonine methyl ester

**Other means of identification**

**Synonyms** None known.

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Active Pharmaceutical Ingredient.

**Uses Advised Against** Not available.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Cody Laboratories Inc.  
601 Yellowstone Ave  
Cody, WY  
82414

**Emergency telephone number**

**Company Phone Number** 307-587-7099

**24 Hour Emergency Phone Number** Chemtrec (US): 1-800-424-9300.

**2. HAZARDS IDENTIFICATION**

**Classification**

**Health Hazards**

Not classified.

**Physical Hazards**

Not classified.

**OSHA Regulatory Status**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard/Globally Harmonized System of Classification and Labelling of Chemicals (GHS); (29 CFR 1910.1200; Revision 3).

**Label elements**

**Emergency Overview**

Normal precautions common to safe manufacturing practice should be followed in handling and storage.

**Appearance** Not available.

**Physical State** Not available.

**Odor** Not available.

**Hazards not otherwise classified (HNOC)**

Not available.

**Other Information**

Not available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard/Globally Harmonized System of Classification and Labelling of Chemicals (GHS); (29 CFR 1910.1200; Revision 3).

Chemical Name	CAS No.	Weight-%
Pseudoecgonine methyl ester	N/A	100

### 4. FIRST AID MEASURES

#### First aid measures

<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists.
<b>Skin Contact</b>	In case of contact, remove contaminated clothing. Immediately flush skin with copious amounts of water for at least 15 minutes. Obtain medical attention if skin reaction occurs.
<b>Inhalation</b>	In case of inhalation, remove to fresh air. If not breathing, provide artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention immediately.
<b>Ingestion</b>	In case of accidental ingestion, wash out mouth with copious amounts of water. Seek medical attention immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.
<b>Self-Protection of the First Aider</b>	Do not use mouth-to-mouth methods if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or another proper respiratory medical device.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** Not available.

#### Indication of any immediate medical attention and special treatment needed

**Note to Physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None known.

#### Specific hazards arising from the chemical

**Hazardous Combustion Products** Not available.

**Explosion data****Sensitivity to Mechanical Impact** None known.**Sensitivity to Static Discharge** None known.**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Report emergency situations immediately. Non-essential personnel should be evacuated from the immediate area. Contain the source of the spill if it is safe to do so. Personnel involved in the clean-up of spills should wear the appropriate respiratory protection, gloves, eye protection, and protective coveralls. Observe all applicable regulations when disposing of this material.

**Environmental precautions**

**Environmental Precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Dispose of in accordance with local, state, and national regulations. Use a vacuum cleaner equipped with a high efficiency particulate filter to collect solid material into an appropriate container and save for reclamation or disposal. Do not sweep or shovel dry material. Use non-sparking tools and equipment. Do not flush to sewer. Clean surfaces and equipment used with an appropriate decontamination solution. Absorb decontamination solution and dispose of in accordance with federal, state and local regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed. Protect from light. To maintain potency, store at 25°C (77°F) and control temperature excursions to between 15-30°C (59-86°F).

**Incompatible Materials** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with Occupational Exposure Limits (OEL) established by the region-specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Controls** The health hazard risks of handling this material are dependent on factors, such as physical form and quantity. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels as low as reasonably achievable.

#### **Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** In laboratory, medical or industrial settings, safety glasses with side shields are highly recommended. The use of goggles or full face protection may be required depending on the industrial exposure setting. Contact a health and safety professional for specific information.

**Skin and Body Protection** In laboratory, medical or industrial settings, gloves and lab coats are recommended. The use of additional personal protective equipment such as shoe coverings, gauntlets, hood or head coverings may be necessary. Contact a health and safety professional for specific information.

**Respiratory Protection** Respirators may be required for certain laboratory and manufacturing tasks if engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (where the exposure limits have not been established). Workplace risk assessments should be completed before specifying and implementing respirator usage. All respirators must conform to specifications for efficiency and performance indicated by OSHA Standard 29 CFR 1910.134.

**General Hygiene Considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

<b>Physical State</b>	Not available.	<b>Odor</b>	Not available.
<b>Appearance</b>	Not available.	<b>Odor Threshold</b>	Not available.
<b>Color</b>	Not available.		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks</u></b>
<b>pH</b>	Not available.	
<b>Melting Point/Freezing Point</b>	Not available.	
<b>Boiling Point / Boiling Range</b>	Not available.	
<b>Flash Point</b>	Not available.	
<b>Evaporation Rate</b>	Not available.	
<b>Flammability (solid, gas)</b>	Not available.	
<b>Flammability Limit in Air</b>		
<b>Upper Flammability Limit:</b>	Not available.	
<b>Lower Flammability Limit:</b>	Not available.	
<b>Vapor Pressure</b>	Not available.	
<b>Vapor Density</b>	Not available.	
<b>Specific Gravity</b>	Not available.	
<b>Water Solubility</b>	Not available.	
<b>Solubility in Other Solvents</b>	Not available.	
<b>Partition Coefficient</b>	Not available.	
<b>Autoignition Temperature</b>	Not available.	
<b>Decomposition Temperature</b>	Not available.	
<b>Kinematic Viscosity</b>	Not available.	
<b>Dynamic Viscosity</b>	Not available.	
<b>Explosive Properties</b>	Not available.	
<b>Oxidizing Properties</b>	Not available.	

**Other Information**

Softening Point	Not available.
Molecular Weight	Not available.
VOC Content (%)	Not available.
Density	Not available.
Bulk Density	Not available.

**10. STABILITY AND REACTIVITY****Reactivity**

Not available.

**Chemical stability**

Not available.

**Possibility of Hazardous Reactions**

Not available.

**Hazardous Polymerization** Not available.

**Conditions to Avoid**

Not available.

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

Not available.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity** Not data available.

**Information on toxicological effects**

**Symptoms** No data available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin Corrosion/Irritation** No data available.

**Serious Eye Damage/Eye Irritation** No data available.

**Sensitization** No data available.

**Germ Cell Mutagenicity** No data available.

**Carcinogenicity** No data available.

**Reproductive Toxicity** No data available.

**Developmental Toxicity** No data available.

**STOT - Single Exposure** No data available.

**STOT - Repeated Exposure** No data available.

Aspiration Hazard No data available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulation

Not available.

### Mobility

Not available.

### Other adverse effects

Not available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number** Not available.

**California Hazardous Waste Codes** Not available.

This product does not contain substances that are listed with the State of California as hazardous waste.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated.

**IATA** Not regulated.

## 15. REGULATORY INFORMATION

### US Federal Regulation

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable.

**16. OTHER INFORMATION**

<b>Issue Date</b>	03-Oct-2017
<b>Revision Date</b>	Not applicable.
<b>Revision Note</b>	Not applicable.

**Disclaimer**

Cody Laboratories Inc. considers that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. The information contained herein is designated only as guidance for safe handling, storage and use of the substance and is not a specification nor does it guarantee any specific properties. Only competent personnel, within a controlled environment should handle all chemicals. Cody Laboratories Inc. is not be held liable for any loss, injury or damage from contact with the product.

**End of Safety Data Sheet**