

## SAFETY DATA SHEETS

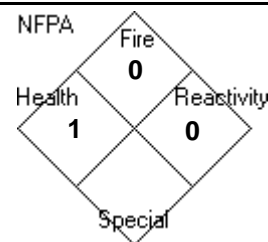
**This SDS packet was issued with item:**

078066923

N/A

**MSDS - Material Safety Data Sheet****Product Name: Hexacaine Spray**

MSDS No.: 0021

**I. Basic Information:****Manufacturer:** Pegasus Laboratories, Inc.**Address:** 8809 Ely Road**City, ST Zip:** Pensacola, FL 32514**Emergency Contact:** Chemtrec**Emergency Telephone Number:** 800-424-9300**Contact:** Carl Causey**Information Telephone Number:** 850-478-2770**Last Update:** 02/27/2002**Chemical State:**  Liquid  Gas  Solid**Chemical Type:**  Pure  Mixture

1	Health
0	Flammability
0	Reactivity
	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
6108050	Lidocaine hydrochloride	2-4							NI	NI	NI
57556	Propylene glycol	> 2.0							NI	NI	NI

**III. Hazardous Identification:****Hazard Category:**
 Acute  Chronic  Fire  Pressure  Reactive
**Hazardous Identification Information:**

Propylene glycol mist may cause irritation to the eye and irritation to the upper respiratory tract if inhaled. Repeated contact with the skin may cause flaking and softening.

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

Contact, Inhalation, and Ingestion

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

Eyes: Eye contact with product may cause irritation and redness.

Skin: Contact with skin may cause irritation.

Inhalation: Inhalation may cause irritation, headache, nausea, and drowsiness.

Ingestion: Ingestion may cause irritation and nausea if administered in dosages other than prescribed.

**Signs and Symptoms:**

NI

**Medical Conditions Generally Aggravated by Exposure:**

# MSDS - Material Safety Data Sheet

## Product Name: Hexacaine Spray

MSDS No.: 0021

NI

### Emergency and First Aid Procedures:

Eyes: Immediately flush eyes with large quantity of water for 10-15 minutes. Get medical attention.

Skin: Flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing. Thoroughly clean clothing and shoes before reuse.

Inhalation: Immediately move victim to fresh air.

Ingestion: For an overdose, have victim drink water or milk to dilute. Call a physician immediately. Induce vomiting only if advised by a physician.

### Other Health Warnings:

NI

### V. Fire Fighting Measures:

Flash Point: >218F

Lower Explosive Limit: NI

Upper Explosive Limit: NI

F.P. Method: Pensky-Martens Closed Cup

### Fire Extinguishing Media:

Dry chemical, water spray/fog, foam and carbon dioxide.

### Special Fire Fighting Procedures:

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full-face, self-contained breathing apparatuses and protective clothing. Prevent pollution of ground water from fire control run-off.

### Unusual Fire and Explosion:

NI

### VI. Accidental Release Measures:

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

In case of spills, contain and dispose of in accordance with federal, state, and local regulations. Ventilate spill area and flush area with water.

### VII. Handling and Storage:

#### Precautions to be Taken:

Protect container against physical damage. Store in cool dry area, inaccessible to children and pets.

#### Other Precautions:

NI

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Handle in well-ventilated area. Where excessive exposure is likely, use NIOSH/MSHA approved protection equipment.

#### Personal Protective Equipment:

Wear gloves and protective clothing if there is potential for prolonged/repeated skin contact. Wear safety glasses and chemical safety goggles whenever there is the possibility of contact with the eye.

# MSDS - Material Safety Data Sheet

## Product Name: Hexacaine Spray

MSDS No.: 0021

### IX. Physical and Chemical Properties:

**Boiling Point:** NI

**Melting Point:** NI

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

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

**Specific Gravity (H2O = 1):** 1.04000

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

**Solubility In Water:** Soluble

**Appearance and Odor:** Clear, light blue liquid

**Other Information:**

Density = 9 lbs./gal.

### X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Avoid contact with bleaching agents and oxidizers.

**Decomposition/By Products:**

If product is burned, carbon monoxide, carbon dioxide, and miscellaneous organic compounds are produced (some potentially toxic).

**Hazardous Polymerization:**

Will Not Occur.

### XI. Toxicological Information:

NI

### XII. Ecological Information:

NI

### XIII. Disposal Considerations:

Dispose of at an approved facility in accordance with applicable regulations under RCRA and in accordance with all federal, state, and local regulations.

### XIV. Transport Information:

NI

### XV. Regulatory Information:

# *MSDS - Material Safety Data Sheet*

## *Product Name: Hexacaine Spray*

### *MSDS No.: 0021*

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: The ingredients of this product are on the TSCA inventory.

CERCLA REPORTABLE QUANTITY: None

#### SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate and delayed health hazard.

SECTION 313 TOXIC CHEMICALS: None

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

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

Reason for Issue: New MSDS in the ANSI Z 400.1-1998 format.

NI=Not Indicated.

>=Greater Than

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard identification but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional, or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstance or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.



# SAFETY DATA SHEET

Issue Date 03-Jun-2014

Revision Date 02-Jul-2014

Version 1

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

**Product identifier**

**Product Name** PRN Pharmacal Hexa-Caine

**Other means of identification**

**Product Code** PRN FP 30023604  
**NDC Number** 49427-434-04

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

**Recommended Use** Medicinal products.  
**Uses advised against** No information available.

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

<b>Supplier</b>	<b>Company Name</b>
Pegasus Laboratories, Inc. 8809 Ely Road Pensacola, FL 32514	Pegasus Laboratories, Inc. 8809 Ely Road Pensacola, FL 32514

**Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Label elements**

**Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** Clear liquid      **Physical state** Liquid      **Odor** No information available

**Hazards not otherwise classified (HNOC)**

**Other Information**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Chemical Name	CAS No.	Weight-%
Propylene Glycol	57-55-6	35-45*

Lidocaine Hydrochloride	6108-05-0	2-4*
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\* The exact percentage (concentration) of composition has been withheld as a trade secret

#### 4. FIRST AID MEASURES

##### First aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Intended for application to skin.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Dry chemical. Water spray (fog). Foam. Carbon dioxide (CO<sub>2</sub>).

##### Specific hazards arising from the chemical

No information available.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### 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** Ensure adequate ventilation, especially in confined areas.

##### 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** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** Incompatible with oxidizing agents. Bleaching agent.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	No information available
<b>Appearance</b>	Clear liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	Clear Light blue		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	Not Available		
Melting point/freezing point	No information available		
Boiling point / boiling range	No information available		
Flash point	> 103 °C / > 218 °F		Pensky-Martens Closed Cup (PMCC)
Evaporation rate	> 1		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific Gravity	1.04		
Water solubility	Soluble in water		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		



**Decomposition temperature** No information available  
**Oxidizing properties** No information available

**Other Information**

**Density** 9 lbs./gal.

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous polymerization**

Will not occur.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Incompatible with oxidizing agents. Bleaching agent.

**Hazardous Decomposition Products**

May emit toxic fumes under fire conditions. Hydrocarbons. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

**Inhalation** May cause irritation of respiratory tract.

**Eye contact** Contact with eyes may cause irritation.

**Skin Contact** May cause irritation.

**Ingestion** May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	= 20000 mg/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-

**Information on toxicological effects**

**Symptoms** No information available.

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

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 10% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 45917 mg/kg

**ATEmix (dermal)** 47754 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

10% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propylene Glycol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50		10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information 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** Do not reuse container, unless specified by the manufacturer.

**14. TRANSPORT INFORMATION****DOT****Description**

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

MEDICINES, NOI NMFC 58770, SUB 2

**15. REGULATORY INFORMATION**

This chemical is classified as a food, food additive, color additive, drug, cosmetic, or medical or veterinary device or product, and is therefore subject to labeling requirements under the Food and Drug Administration. These requirements differ from the classification criteria and hazard information required for safety data sheets and workplace labeling of chemicals.

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**International Inventories**

TSCA	Not Listed
DSL/NDSL	Not Listed
EINECS/ELINCS	Not Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed
AICS	Listed

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Propylene Glycol	X	X		X		X	X	X	X	X
Lidocaine Hydrochloride										X

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are 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****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X		X

**International Regulations****Mexico - Grade**

Slight risk, Grade 1

**16. OTHER INFORMATION**

<u>NFPA</u>	Health hazards 0	Flammability 1	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 0	Flammability 1	Physical hazards 0	Personal protection X

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**End of Safety Data Sheet**