

# SAFETY DATA SHEET



## SECTION 1. IDENTIFICATION

**Product Name:** StriCore  
**EPA Registration No.** 279-3628-67690  
**Active Ingredient(s)** pethoxamid  
**Chemical family** Amide herbicides

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

**Recommended Use:** Herbicide  
**Restrictions on Use:** Follow label requirements

### Company Contact Information

**Company** : SePRO Corporation  
11550 North Meridian Street, Suite 600  
Carmel, IN 46032  
: Phone 317-580-8282/Toll Free 1-800-419-7779  
Fax: 317-580-8290  
Monday-Friday, 8am-5pm EST  
Email [www.sepro.com](http://www.sepro.com)  
**Emergency Telephone Number** : **INFOTRAC 24-hour service 1-800-535-5053**

## SECTION 2. HAZARDS IDENTIFICATION

### OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1920.1200)

**Acute toxicity- Oral** : Category 4  
**Serious eye damage/irritation** Category 2  
**Skin sensitization** Category 1A  
**Specific target organ toxicity (single exposure)** Category 3  
**Aspiration toxicity** Category 1



## GHS Label elements, including precautionary statements

### EMERGENCY OVERVIEW

Signal Word: Danger

#### Hazard Statements

H302 – Harmful if swallowed

H304 – May be fatal if swallowed and enters airways.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious irritation

H336 – May cause drowsiness or dizziness.

H372 – Causes damage to organs through prolonged or repeated exposure.

Hazard pictograms :



#### Precautionary Statements – Prevention

P261 – Avoid breathing dust/fumes/gas/mist/vapors/spray.

P264 – Wash face, hands and any exposed skin thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P260 – Do not breathe dust/fume/gas/mist/vapors/spray.

#### Precautionary Statements – Response

P314 – Get medical advice/attention 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.

P310 – Immediately call a POISON CENTER or doctor.

P302 + P352 – IF ON SKIN: Wash with plenty of water and soap.

P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 – Do not induce vomiting.

P330 – Rinse mouth.

#### Precautionary Statements- Storage

P405 – Store locked up.

#### Precautionary Statements - Disposal

P501 – Dispose of contents/container to an approved waste disposal plant.

#### Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

#### Other Information

Very toxic to aquatic life with long lasting effects

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family

Amide herbicide



<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight %</u>
Pethoxamid Technical	106700-29-2	46.9
Naphtha (petroleum) heavy aromatic	64742-94-5	30-40
4-Hydroxybutyric acid lactone	96-48-0	6-10
Benzoic acid	65-85-0	1-5
Polyarylphenol ethoxylate	99734-09-5	1-5

#### SECTION 4. FIRST AID MEASURES

<b>Eye contact</b>	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
<b>Skin contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move to fresh air. If person is not breathing, call 911 (within the U.S. and Canada.) or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
<b>Ingestion</b>	Rinse mouth with water and afterwards drink plenty of water or milk. Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is required.
<b>Most important symptoms and effects, both acute and delayed</b>	Causes serious eye damage.
<b>Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically. Contains petroleum distillate. May pose an aspiration pneumonia hazard.

#### SECTION 5. FIREFIGHTING MEASURES

<b>Extinguishing media</b>	Dry chemical, Carbon dioxide (CO <sub>2</sub> ). Foam. Use water spray or fog: do not use straight streams.
<b>Specific hazards arising from the substance or mixture</b>	The essential breakdown products are volatile, toxic, irritant and inflammable compounds such as nitrogen oxides, hydrogen chloride, carbon monoxide, carbon dioxide and various chlorinated organic compounds.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	No information available.
<b>Sensitivity to Static Discharge</b>	No information available.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear. Prevent runoff from fire control from entering streams, sewers, or drinking water supply. Do not breathe smoke, vapors or gases generated.



## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable protective clothing, gloves and eye/face protection. In case of spill, avoid contact. Isolate area and keep out animals and unprotected persons. Stop leak if you can do it without risk. Remove all sources of ignition.
<b>Other</b>	For further clean-up instructions, call INFOTRAC Emergency number listed in Section 1 above.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system. Avoid penetration into waterways, sewers, soil or groundwater. Local authorities should be advised if significant spillages cannot be contained.
<b>Method of Containment</b>	Stop leak and contain spill if can be done safely. Dike to confine spill and absorb with non-combustible absorbent such as clay, sand or soil. Sweep up and shovel into suitable containers for disposal. Control runoff and isolate discharged material for proper disposal.
<b>Methods for cleaning up</b>	Sweep up and shovel into suitable containers for disposal. Clean and neutralize spill area, tools and equipment by washing with clean water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

## SECTION 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. Handle product only in a closed system or provide appropriate exhaust ventilation at machinery. Use only area provided with appropriate exhaust ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Store in original container. Keep in properly labeled containers. Keep away from food, drink and animal feed.
<b>Incompatible products</b>	None known.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory authorities.

### Appropriate engineering controls



Engineering measures	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.) ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/Face Protection</b>	For exposure to mists or sprays, wear safety goggles or face shield for chemical agents. Maintain eye wash fountain and quick-drench facilities in work area.
<b>Skin and Body Protection</b>	Minimize skin contamination by following good industrial hygiene practices. Wear long-sleeved shirt, long pants, socks, and shoes. Avoid contact with skin and clothing.
<b>Hand Protection</b>	Use protective gloves made of chemical materials such as nitrile or neoprene. Wash the outside of gloves with soap and water before reuse. Check regularly for leaks.
<b>Respiratory Protection</b>	For dust, splash, mist or spray exposures wear elastomeric full-face or half mask respirator with appropriate cartridges and/or filters, which is approved for pesticides (U.S. NIOCH/MSHA, EU CEN or comparable certification organization).
<b>Hygiene measures</b>	Clean water should be available for washing in case of eye or skin contamination. Remove and wash contaminated clothing before reuse. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Launder work clothing separately from regular household laundry.
<b>Personal exposure limits</b>	To our knowledge, personal exposure limits have not been established for any ingredient in this product. However, personal exposure limits defined by local regulations may exist and must be observed.
<b>General Information</b>	If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	: liquid
<b>Color</b>	: Yellow to brown
<b>Odor</b>	: Aromatic
<b>Odor threshold</b>	: No information available
<b>Melting point/freezing point</b>	: Not applicable
<b>Boiling point/range</b>	: No information available
<b>Flash point</b>	: 68° C Method: Seta Closed Cup
<b>Flammability (solid, gas)</b>	: No information available
<b>Lower and upper explosion limit</b>	: Not determined
<b>Density</b>	: 1.024 at 20° C
<b>Bulk density</b>	: No information available
<b>Specific gravity</b>	: No information available
<b>Water Solubility</b>	: The product is miscible with water.
<b>Partition coefficient</b>	: No information available
<b>pH</b>	: No information available
<b>Auto-ignition temperature</b>	: No information available
<b>Decomposition temperature</b>	: No information available
<b>Viscosity, kinematic</b>	: No information available
<b>Viscosity, dynamic</b>	: 12.8 mPa @ 20° C



Explosive properties	: 7.4 mPa @40° C
Oxidizing properties	: Not explosive
Molecular weight	: Non-oxidizing
Bulk density	: No information available
	: No information available

#### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: None under normal use conditions
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: None under normal processing.
Hazardous polymerization	: Hazardous polymerization does not occur.
Incompatible materials	: None known.
Hazardous decomposition products	: May emit toxic fumes under fire conditions- carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen chloride.

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Product:Information

LD50 Oral	1659 mg/kg (rat)
LD50 Dermal	>5000 mg/kg (rat)
LC50 Inhalation	>2.06 mg/L 4hr (rat)
Serious eye damage/eye irritation	Irritating to eyes.
Skin corrosive/irritation	Moderately irritating to skin.
Sensitization	May cause sensitization by skin contact.

##### Information on toxicological effects

Symptoms	Non-specific signs of toxicity, such as lethargy, decreased respiratory rate, diarrhea, and tremors
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##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity	The ingredient is readily absorbed and widely distributed in the body with highest concentrations found in the liver and kidneys. It is extensively metabolised and rapidly excreted, within one day. There is no evidence of accumulation.
Mutagenicity	Not mutagenic
Carcinogenicity	Not carcinogenic
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards.
Developmental toxicity	Not teratogenic in animal studies.
STOT – single exposure	May cause drowsiness and dizziness.
STOT – repeated exposure	Liver
Aspiration hazard	Aspiration may cause chemical pneumonitis

Chemical name

ACGIH

IARC

NTP

OSHA



4-Hydroxybutyric  
acid lactone96-48-  
0

Group 3

**IARC** (International Agency for Research on Cancer)  
Group 3- Not classifiable as to its carcinogenicity to humans.

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Proprietary Ingredient Technical (106700-29-2)</b>				
<b>Active Ingredient(s)</b>	<b>Duration</b>	<b>Species</b>	<b>Value</b>	<b>Units</b>
	96 h LC50	Rainbow trout	2.2	mg/L
	28-dav NOEC	Rainbow trout	1.1	mg/L
	96 h LC50	Lepomis macrochirus /Bluefill sunfish)	6.6	mg/L
	48 h EC50	Daphnia magna	23	mg/L
	21 d NOEC	Daphnia magna	2.8	mg/L
	72 h EC50	Selenastrum caoricornutum	0.00195	mg/L
	96 h EC50	Cyanobacteria (Aanabaena flos-aauael	9.4	mg/L
	14-day EC50	Duckweed (Lemma minor)	0.0095	mg/L
	LD50	Bobwhite quail	1800	mg/kg
	LC50	Eisenia fetida	527	mg/kg
	LD50 Acute	Honey bees	>200	ug/bee
	LOSO contact	Honey bees	>200	ug/bee
Persistence and degradability	The ingredient is not readily biodegradable.			
Bioaccumulation	The ingredient does not bioaccumulate.			
Mobility	The ingredient is moderately mobile.			

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

:  
Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated packaging**

Containers must be disposed of in accordance with local, and federal regulations. Refer to the product label for container disposal instructions.

**SECTION 14. TRANSPORT INFORMATION****DOT**

**Packaging Type** Non-Bulk: Not Regulated  
Bulk: Regulated as below  
**UN/ID no.** NA1993  
**UN Proper shipping name** Combustible liquid, n.o.s. Aromatic hydrocarbons  
**Transport hazard class(es)** :Combustible liquid  
**Packing group** :III  
**Description** NA1993, Combustible liquid, n.o.s.(Aromatic hydrocarbons), III  
**TDG**

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class** 9  
**Packaging Group** III  
**Marine pollutant** Pethoxamid  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s.(pethoxamid), 9, III, Marine Pollutant

**ICAO/IATA**

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class** 9  
**Packaging Group** III  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s.(pethoxamid), 9, III, Marine Pollutant

**IMDG/IMO**

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.  
**Hazard Class** 9  
**Packaging Group** III  
**EmS** F-A, S-F  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s.(pethoxamid), 9, III, Marine Pollutant

**SECTION 15. REGULATORY INFORMATION**





**U.S. 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 Regulation, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No.

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA- Reportable Quantities	CWA- Toxic Pollutants	CWA-Priority Pollutants	CWA-Hazardous Substances
Calcium dodecylbenzene sulfonate 26264-06-2	1000 lb			X
Benzoic acid 65-85-0	5000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Calcium dodecylbenzene sulfonate 26264-06-2	1000 lb 454 kg	
Benzoic acid 65-85-0	5000 lb 2270 kg	

**FIFRA Information**

This chemical is a pesticide product planned to be registered by the *Environmental Protection Agency* and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on pesticide labels.

**WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing.  
Harmful if swallowed.  
Avoid contact with skin, eyes or clothing.

**US STATE Regulations**



**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Benzoic acid 65-85-0	X	X	X

**International Inventories**

Chemical name	TSCA (US)	DSL (Canada)	EINECS/ELINCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS Australia
Naptha(petroleum), heavy aromatic 64742-94-5	X	X	X	X	X	X	X	x
4-Hydroylbutyric acid lactone 96-48- 0	X	X	X	X	X	X	X	x
Benzoic acid 65- 85-0	X	X	X	X	X	X	X	x



**SECTION 16. OTHER INFORMATION**



<b>NFPA</b>	<b>Health Hazards 2</b>	<b>Flammability 2</b>	<b>Instability 0</b>	<b>Special hazards -</b>
<b>HMIS</b>	<b>Health Hazards 2</b>	<b>Flammability 2</b>	<b>Physical hazard 0</b>	<b>Personal Protection X</b>
<b>NFPA/HMIS Ratings Legend</b> Severe = 4; Serious =3; Moderate=2; Slight=1; Minimal=0				
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