

# Safety Data Sheet

Issuing date: 23MAR2022 Revision date: 23MAR2022 Revision number: 00

## 1. Identification of the substance/preparation and the company/undertaking

### GHS product identifier

Product name: Senna Syrup (8.8mg Sennosides per 5 mL)

### Other means of identification

Product code(s): NDC 0121-4967-05 (5 mL Unit Dose Cup)

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

Recommended use: Pharmaceutical product used as a mild laxative and/or dietary supplement.  
Uses advised against: Do not use except as directed.

### Supplier address/information

Pharmaceutical Associates, Inc.  
1700 Perimeter Road  
Greenville, SC 29605  
(864) 277 -7282

Emergency telephone number: CHEMTREC 800.424.9300

## 2. Hazards Identification

### Classification

This product is a mixture and is an OTC pharmaceutical product and dietary supplement. It is considered Non Hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910,1200)

Chemical family: Mixture

Statement of Hazard: Based on available data, not classified as hazardous according to the criteria of the Globally Harmonized System.

### Additional Hazard Information:

Short term: None available

Long term: No data available

Known Clinical Effects: Overdosage may lead to liver failure.

EU Indication of danger: Not classified.

Health Hazards Non Available

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### Label elements

Emergency Overview

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<b>Danger</b>	Not Available	
<b>Hazard statements</b> Seek medical attention in case of accidental exposure or overdose. The product is generally safe when used as prescribed.		
Note: This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the active substance or its intermediates regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential of exposure in your workplace.		
This mixture is a drug product regulated by the FDA. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.		
<b>Appearance:</b> Clear,Brown colored solution	<b>Physical state:</b> Solution	<b>Odor:</b> Characteristic of Senna

## Emergency overview

Seek medical attention in case of accidental exposure or overdose. The product is generally safe when used as directed.
Note: This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the active substance or its intermediates regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential of exposure in your workplace.

- Eyes:                      Avoid contact with eyes.
- Skin Contact:            Avoid skin contact.
- Inhalation:              Not intended for inhalation.
- Ingestion:                Generally safe at recommended doses. In case of overdose, seek medical attention immediately.

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Storage:                    There are no special storage conditions for safety. For product integrity, store under conditions specified on the label.

Disposal:                    Dispose of in accordance with applicable laws and regulations.

## 3. Composition/Information on ingredients

Chemical name	CAS-No	Weight mg	Trade Secret
Sennocides (from natural Senna Extract Concentrate)	Mixture	8.8 mg/ 5 mL	
Methylparaben	99-76-3		X
Propylparaben	94-13-3		X
Citric acid anhydrous	77-92-9		X
Glycerin	56-81-5		X
Potassium Sorbate	24634-61-5		X
Sucrose	57-50-1		X
Purified water	7732-18-5		X

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## 4. First aid measures

### Description of necessary first-aid measures

**Eye contact:**

Flush with running water for 15 minutes holding eyelids open. Contact medical personnel if irritation persists.

**Skin contact:**

Wash contaminated area thoroughly. If irritation persists, contact medical personnel.

**Inhalation:**

Remove to fresh air and contact medical personnel.

**Ingestion:**

The product is intended for ingestion. In the case of accidental ingestion or overdose, contact medical personnel.

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

Contact medical personnel or poison control immediately if overdose is suspected.

### Indication of immediate medical attention and special treatment needed, if necessary

Immediate medical attention is required if overdose is suspected.

Notes to Physician: NA

## 5. Fire-fighting measures

**Suitable extinguishing media:**

Use carbon dioxide, dry chemical or water spray.

**Specific hazards arising from the chemical**

Not applicable.

**Explosion data:**

Not applicable

**Protective equipment and precautions for firefighters**

During all firefighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Personnel involved in clean-up should wear appropriate personal protective equipment (See Section 8). Minimize exposure.

**Environmental precautions**

Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

**Methods and materials for containment and cleaning up**

- Methods for containment:
- Methods for cleaning up:

Isolate area around spill as specified by site procedures. Absorb the liquid with suitable material. Dispose of spill material in accordance with applicable federal, state or local regulations.

## 7. Handling and storage

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## Precautions for safe handling

Handling: No special handling required for hazard control under conditions of normal product use.

## Conditions for safe storage, including any incompatibilities

Storage: No special storage required for hazard control. For product protection, follow storage recommendations on the case label, primary product label and insert.

Incompatible products: As a precautionary measure, keep away from strong oxidizers.

## 8. Exposure controls/personal protection

### Control parameters

Exposure guidelines: The exposure guidelines listed below are for the individual components and not the product itself.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sennocides (from natural Senna Extract Concentrate)	Not Available	Not Available	Not Available
Methylparaben	Not Available	Not Available	Not Available
Propylparaben	Not Available	Not Available	Not Available
Citric acid anhydrous	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA	Not Available
Glycerin	10 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	Not Available
Potassium Sorbate	Not Available	Not Available	Not Available
Sucrose	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> PEL Respirable Fraction	5 mg/m <sup>3</sup> TWA Respirable
Purified water			

### Appropriate engineering controls

Engineering measures: Engineering controls should be used to limit exposure.

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

Eye/face protection: Not required under normal conditions of use. Wear safety glasses or goggles if eye contact is possible.

Skin and body protection: Not required under normal conditions of use. Wear protective clothing when working with large quantities.

Respiratory protection: Not required under normal use of the product.

Hygiene measures: Wash hands thoroughly after use.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Solution  
Odor: Characteristic of Senna  
Appearance: Clear, Brown liquid  
Odor threshold: Not available

Property	Values	Remarks/Method
pH	4.5 - 5.5	
Melting point/range	Not applicable	
Boiling point/boiling range	Not available	
Flash point	Not applicable	
Evaporation rate	Not applicable	
Flammability (solid, gas)	Not applicable	
Flammability limits in air	Not applicable	
-upper flammability limit	Not applicable	
-lower flammability limit	Not applicable	
Vapor pressure	Not applicable	
Vapor density	Not applicable	
Specific gravity	1.10 – 1.40	
Water solubility	Not applicable	
Solubility in other solvents	Not applicable	
Partition coefficient: n-octanol/water	Not applicable	
Autoignition temperature	Not applicable	
Decomposition temperature	Not applicable	
Viscosity	Not available	
Flammable properties	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	

Other information NA

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## 10. Stability and reactivity

Reactivity	Stable at normal conditions
Chemical stability	Stable at normal conditions
Possibility of hazardous reactions	Stable at normal conditions
Conditions to avoid	None known
Incompatible materials	As a precautionary measure, keep away from strong oxidizers.
Hazardous decomposition products	None known

## 11. Toxicological information

### Information on likely routes of exposure

Product information:

- Inhalation: Not Available
- Eye contact: Not Available
- Skin contact: Not Available
- Ingestion: Not Available

The information in the table below is for the individual components and not the product.

Chemical name	LD50 oral	LD50 dermal	LC50 inhalation
Sennocides (from natural Senna Extract Concentrate)	1630 mg/kg Rat	Not Available	Not Available
Methylparaben	2100 mg/kg Rat	No skin irritation 24 hr. Rabbit	Not Available
Propylparaben	6000 mg/kg Mouse/Rat	Not Available	Not Available
Citric acid anhydrous	5400 mg/kg Rat	>2000 mg/kg Rabbit	Not Available
Glycerin	12600 mg/kg Rat	>10000 mg/kg Rabbit	>570 mg/l Rat
Potassium Sorbate	3800 mg/kg Mouse	Not Available	Not Available
Sucrose	29700 mg/kg Rat	Not Available	Not Available
Purified water	Not Available	Not Available	Not Available

### Symptoms related to the physical, chemical, and toxicological characteristics

None

### Delayed and immediate effects and also chronic effects from short and long term exposure

- Sensitization: No data available

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- Mutagenic effects: No data available
- Carcinogenicity: Not carcinogenic
- Reproductive toxicity: No data available
- STOT – single exposure: No data available
- STOT – repeated exposure: No data available
- Aspiration hazard: No data available

**Numerical measures of toxicity – product**

- No data available

## 12. Ecological information

**Ecotoxicity:**

Environmental properties have not been thoroughly evaluated. Releases to the environment should be avoided.

**Persistence and Degradability**

No data available

**Bioaccumulation**

No data available

**Other adverse effects:**

No data available.

The following table lists the data for the individual components, if available.

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to micro-organisms	Daphnia Magna (water flea)
Sennocides (from natural Senna Extract Concentrate)	Not Available	Not Available	Not Available	Not Available
Methylparaben	91 mg/L 72 hr. Pseudokirchneriella subcapitata	59.5 mg/L 89 hr. Oryzias latipes	Not Available	41.1 mg/L 48 hr.
Propylparaben	7.6 mg/L 72 hr. Pseudokirchneriella subcapitata	6.4 mg/L 96 hr. Danio rerio	Not Available	15.4 mg/L 72hr.
Citric acid anhydrous	Not Available	440 mg/L 48 hr. Leuciscus idus melanotus	Not Available	1535 mg/L 24 hr.
Glycerin	Not Available	58.5 ppm 96 hr Trout	Not Available	Not Available
Potassium Sorbate	Not Available	Not Available	Not Available	Not Available
Sucrose	Not Available	Not Available	Not Available	Not Available
Purified water				

## 13. Disposal considerations



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## Waste disposal methods

Dispose of waste in accordance with all federal, state and local regulations.

## Contaminated packaging

Dispose of waste in accordance with all federal, state and local regulations.

## 14. Transport information

### Notes:

Not regulated for transport under USDOT, IATA, TDG, IMDG or other regulations.

## 15. Regulatory information

### International inventories

### Legend

### U.S. Federal regulations:

Not applicable

Chemical name	California Listed	TSCA Listed (8b)	EINECS	Sara 311/312
Sennocides (from natural Senna Extract Concentrate)				
Methylparaben	No	Listed	Listed	Not Applicable
Propylparaben	No	Listed	Listed	Not Applicable
Citric acid anhydrous	No	Listed	Listed	Not Applicable
Glycerin	No	Listed	Listed	Not Applicable
Potassium Sorbate	No	Listed	Listed	Not Applicable
Sucrose	No	Listed	Listed	Not Applicable
Purified water	No	No	No	Not Applicable

### SARA 311/312 Hazard categories:

Not Applicable

### 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 No components are listed under CERCLA.**

### California Proposition 65:

This product does not contain any ingredients listed as Proposition 65 chemicals.

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## U.S. state Right-to-Know regulations

“X” designates that the ingredients are listed on the state Right-to-Know list

Chemical name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Sennocides (from natural Senna Extract Concentrate)					
Methylparaben	X		X		
Propylparaben	X		X		
Citric acid anhydrous	X		X		
Glycerin	X	X	X	X	X
Potassium Sorbate	X		X		
Sucrose	X	X	X		
Purified Water					

## U.S. EPA label information:

Not applicable

## 16. Other information

Prepared by: Pharmaceutical Associates Inc.  
Issuing date: 23MAR2022

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Revision note: New SDS

### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**