

Safety Data Sheet

First issue : Nov. 8, 2021

Revised on :

1. Product and company identification

Product name : Sennosides USP
Product code : 2002404-00
Company : Alps Pharmaceutical Ind. Co., Ltd.
Address : 10-50, Furukawacho Mukaimachi Nichome, Hida, Gifu, 509-4241, Japan
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Emergency phone No. : +81-577-73-2021

2. Hazards identification

Classification of the substance or mixture

Physical and chemical hazards : Not classified/Classification not possible

Health hazards : Not classified/Classification not possible

Environment hazards : Not classified/Classification not possible

Label elements

Hazard pictograms : Not applicable

Signal words : Not applicable

Hazard statements : Not applicable

Precautionary statements : Not applicable

3. Composition/information on ingredients

Substance or mixture : Mixture

Chemical Name or Usual name : Sennosides

Other names : -

Chemical Name	Chemical Formula	%	CAS No.	EC No.
Sennosides	$C_{42}H_{38}O_{20}Ca$	90.0-110.0%	62211-03-4	263-461-9

4. First aid measures

Inhalation : Immediately remove victim to fresh air. Give artificial respiration if not breathing.
Gargle with water.

Skin contact : Wash skin with soap and plenty of water.

Eye contact : Rinse eyes with plenty of water for at least 15 minutes.

Ingestion : Rinse mouth with water. If a large amount is swallowed, get medical attention.

5. Fire-fighting measures

Suitable extinguishing media : Water, regular dry chemical, carbon dioxide, regular foam

Not suitable extinguishing media : No data available

Specific hazards arising from the chemical : May produce oxides of carbon if burning.

Special protective actions for fire-fighters : Firefighters should wear proper protective equipment and self-breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	: Wear proper protective equipment.
Environmental precautions	: Avoid release into sewer or river.
Methods and materials for containment and cleaning up	: Sweep up and gather scattered particles. Collect spilled material in appropriate container for disposal. Rinse the leaked area with a large amount of water.
Secondary disaster prevention measures	: Contact all parties concerned and ask for support.

7. Handling and storage

Handling	
Technical measures	: See "8. Exposure controls/personal protection."
Safety handling precautions	: Avoid contact with skin and eyes. Use methods to minimize dust.
Incompatible substances	: Avoid contact with strong oxidizing agents.
Hygiene measures	: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Storage	
Conditions for safe storage	: Preserve at room temperature
Safe packaging material	: Tight container and light-resistant

8. Exposure controls/personal protection

Expose limits	
JSOH(2020)	: Not applicable
ACGIH()	: No data available
Engineering controls	: Not applicable
Personal protective equipment	
Respiratory protection	: Use a dust respirator.
Hand protection	: Wear rubber gloves.
Eye protection	: Wear protective eyeglasses or chemical safety goggles.
Skin protection	: Wear protective suit and cover skin.

9. Physical and chemical properties

Physical state (20 °C)	: Powder
Colour	: Brownish
Odor	: Faint characteristic odor
Melting point/freezing point	: No data available
Boiling point, initial boiling point and boiling range	: No data available
Flammability	: No data available
Upper/lower flammability or explosive limits	: No data available
Properties of combustible dusts	
Minimum ignition energy (MIE)	: $10 \text{ mJ} < \text{MIE} \leq 30 \text{ mJ}$
Lower explosive limit	: 260 g/m^3
Maximum explosion overpressure (Pmax)	: $8.5 \times 10^2 \text{ kPa}$
Kst values	: $244 \times 10^2 \text{ kPa} \cdot \text{s/m}$
Dust explosion class	: St2
Flash point	: No data available

Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: 6.3-7.3 (1g/10mL)
Dynamic viscosity	: No data available
Solubilities	
Water	: Freely soluble
Other solvents	: No data available
n-Octanol/water partition coefficient:(log Pow)	: No data available
Vapour pressure	: No data available
Specific Gravity / Relative density	: No data available
Vapour density	: No data available
Particle characteristics	: No data available

10. Stability and reactivity

Reactivity	: No data available
Chemical stability	: Stable at normal temperatures and pressure.
Hazardous reactions	: None under normal processing.
Conditions to avoid	: Extremes of temperature, direct sunlight, moisture and contact with incompatible materials.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Oxides of carbon

11. Toxicological information

Acute oral toxicity	: Classification not possible
Acute dermal toxicity	: Classification not possible
Acute inhalation toxicity	: Classification not possible
Skin irritation	: Classification not possible
Eye irritation	: Classification not possible
Sensitisation	: Classification not possible
Mutagenicity (in vitro)	: Classification not possible
Mutagenicity (in vivo)	: Classification not possible
Carcinogenicity	: Classification not possible
Reproductive toxicity	: Classification not possible
Specific target organ toxicity-single exposure	: Classification not possible
Specific target organ toxicity-repeated exposure	: Classification not possible
Aspiration hazard	: Classification not possible

12. Ecological information

Aquatic environmental toxicity : acute	: Classification not possible
Aquatic environmental toxicity : chronic	: Classification not possible
Persistence and degradability	: No data available
Bioaccumulation	: No data available
Mobility in soil	: No data available
Hazardous to the ozone layer	: No data available

13. Disposal considerations

- Avoid release to the environment.
- Dispose of contents/container in accordance with local/national regulations.
- Dispose to an authorized waste collection point.

14. Transport information

UN number	: Not available
UN proper shipping name	: Not available
Class	: Not available
Packing group	: Not available
Marine Pollutant	: Not available
Specific precautionary transport measures	: Before transportation, check the container is not damaged, corroded, or leaked.
Domestic restrictive information	: Not available

15. Regulatory information

Regulatory information with regard to this preparation in your country or region should be examined by your own responsibility.

16. Other information

Key literature references and sources for data etc.

Regulation (EC) No 1272/2008

Occupational Exposure Limits(JSOH)

STNext(<https://stn.cas.org/>)

NITE Chemical Risk Information Platform(<http://www.safe.nite.go.jp/japan/db.html>)

NITE-Gmiccs(<https://www.ghs.nite.go.jp/>)

This Safety Data Sheet (SDS) complies with Regulation (EC) No 1272/2008.

It is created based on the latest materials and data available at this time, and may be revised due to new knowledge.

In addition, the precautions in SDS are intended for normal handling. If the product user is a special handling applications, on the implementation of the safety measures that are suitable for use, please use the product.

The contents described in this SDS are not product standards.

We pay close attention to the contents of the SDS, but we do not guarantee the contents.
