



SILVER FERN CHEMICAL INC.

SAFETY DATA SHEET

INULIN POWDER, CHICORY

Section 1: Product and Company Identification

Product Name: INULIN POWDER, CHICORY
Distributor: Silver Fern Chemical Inc.
2226 Queen Anne Ave., North, Seattle WA 98109 USA
Customer Service: 866-282-3384 Email: info@silverfernchemical.com
24 Hour Emergency Contact
Infotrac 1-800-535-5053 (USA & Canada) / Outside USA & Canada 1-352-323-3500

Section 2: Hazards Identification

Classification of the Substance or Mixture:
Label Elements:
GHS Signal Word: None
GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information.
Adverse Human Health: Material may be irritating to the mucous membranes and upper respiratory tract.
Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption.
May cause eye, skin, or respiratory system irritation.
To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

Section 3: Composition / Information on Ingredients

Chemical name: Inulin from chicory roots
Molecular formula: $(C_6H_{10}O_5)_n$, $1 \leq n \leq 40$
Molecular weight: $(162.14)_n$, $1 \leq n \leq 40$
CAS No.: 9005-80-5
GHS Classification: No data available

Section 4: First-aid Measures

In Case of Ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
In Case of Skin Contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
In Case of Eye Contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have

eyes examined and tested by medical personnel.

Section 5: Fire Fighting Measures

Means of Extinction

Suitable Extinguishing Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.

Media Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing A solid water stream may be inefficient.

Media:

Flammable Properties and No data available.

Hazards:

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Protective Precautions: Avoid raising and breathing dust, and provide adequate ventilation.

Protective Equipment and Emergency Procedures: As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

Environmental Precautions: Take steps to avoid release into the environment, if safe to do so.

Methods and Material For Containment and Cleaning Up: Contain spill and collect, as appropriate.

Transfer to a chemical waste container for disposal in accordance with local regulations.

Section 7: Handling & Storage

Precautions To Be Taken in Handling: Avoid breathing dust/fume/gas/mist/vapours/spray.

Avoid prolonged or repeated exposure.

Precautions To Be Taken in Storing: Keep container tightly closed.

Store in accordance with information listed on the product insert.

Section 8: Exposure Controls / Personal Protection

CAS#	Partial Chemical Name	Britain EH40	France VL	Europe
9005-80-5	Inulin	No data	No data	No data

CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9005-80-5	Inulin	No data	No data	No data

Exposure Controls:

Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls



(Ventilation etc.):	to control airborne levels below recommended exposure limits.
Personal Protection Equipment:	
Eye Protection:	Safety glasses
Protective Gloves:	Compatible chemical-resistant gloves
Other Protective Clothing:	Lab coat
Respiratory Equipment:	NIOSH approved respirator, as conditions warrant.
(Specify Type):	
Work/Hygienic/Maintenance Practices:	Do not take internally.
	Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. Wash thoroughly after handling.
	No data available.

Section 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input checked="" type="checkbox"/> Solid
Appearance and Odor:	A crystalline solid, Odorless		
Boiling Point:	No data		
Melting Point:	158 to 165°C		
Flash Point:	No data		
Evaporation Rate:	No data		
Flammability(solid,gas):	No data		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg)	No data.		
Vapor Density (vs. Air =1)	No data.		
Specific Gravity (water=1)	No data.		
Solubility in Water:	No data.		
Autoignition Pt:	No data.		
Percent Volatile:	No data.		

Section 10: Stability and Reactivity

Reactivity:	No data available.
Stability:	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Stability Notes:	Stable if stored in accordance with information listed on the product insert.
Polymerization:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid:	No data.
Incompatibility-Materials To Avoid:	Strong oxidizing agents
Hazardous Decomposition or Byproducts:	No data available.



Section 11: Toxicological Information

Information on Toxicological Effects: The toxicological effects of this product have not been thoroughly studied.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9005-80-5	Inulin	n.a.	n.a.	n.a.	n.a.

Section 12: Ecological Information

Toxicity:	Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Results of PBT and vPvB assessment:	No data available.
Other adverse effects:	No data available.

Section 13: Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Section 14: Transport Information

To be transported according to transport food rules. This product is not restricted by or with no violation of IATA DGR.

Section 15: Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302(EHS)	S. 304 RQ	S. 313(TRI)
9005-80-5	Inulin	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
9005-80-5	Inulin	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No

Regulatory Information Statement: This SDS was prepared in accordance with 29 CFR 1910.1200 and regulation(EC)No. 1272/2008.

Section 16: Other Information

Additional Information About This Product:	No data available.
Company Policy or Disclaimer:	DISCLAIMER OF RESPONSIBILITY The information on this SDS was obtained from sources which we believe are reliable. However, the information is



provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

