

Prebiotic Inulin

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 29-Jan-2026
Supersedes: 07-May-2024

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Prebiotic Inulin
Synonyms: No data available
INCI Name: Inulin (and) Alpha-Glucan Oligosaccharide
CAS Number: 9005-80-5, 27707-45-5
Formula: No data available
Product Form: Solid (Powder)
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Regulation (EC) No 2020/878 Not classified
Classification:
Labeling: None.
Hazard Pictograms: None.
Hazard Statements: None.
Precautionary Statements: None.
Potential Health Hazards: Eyes: May be an irritant.
Inhalation: Not expected to be irritant.
Skin: May be an irritant.
Ingestion: May cause nausea, vomiting, and diarrhea.
NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Inulin	9005-80-5	> 80%	Not Available
Alpha-Glucan Oligosaccharide	27707-45-5	< 20%	Not Available

4 FIRST AID MEASURES

Eyes: Wash immediately and abundantly with running water keeping eyelid open, for at least 10 minutes. Seek medical advice if symptoms persist.
Inhalation: No specific measures required. Move to fresh air and seek medical attention if irritation persists.
Skin: No adverse effects expected. Seek medical attention if irritation occurs.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. No specific measures required.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (foam, dry chemical powder, carbon dioxide, water) for adjacent fire. No known unsuitable extinguishing agents.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: 572°F (>300°C)
Specific hazards arising from the chemical: Combustible material, low hazard. The product can form flammable mixtures or can burn, only on heating above the flash point. However, minor contamination by hydrocarbons of higher

volatility may increase the hazard. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Limit the leak using soil or sand. release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Sweep up or vacuum the spilled product. Wash the involved area and materials with water. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid contact and inhalation of dust. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Keep product in its original containers at a temperature between 41-95°F (5-35°C). Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Prebiotic Inulin	None		
TWA: Time Weighted Average over 8 hours of work. TLV: Threshold Limit Value over 8 hours of work. REL: Recommended Exposure Limit PEL: Permissible Exposure Limit			
STEL: Short Term Exposure Limit during x minutes. IDLH: Immediately Dangerous to Life or Health WEEL: Workplace Environmental Exposure Levels CEIL: Ceiling			

Personal Protection:

Eyes:	Safety glasses should be worn.
Inhalation:	Not necessary for normal use.
Body:	Wear chemical-resistant gloves and full skin protective clothing.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	None
Odor:	Almost odorless	Vapor Density:	Not determined
Odor Threshold:	No data available	Evaporation Rate:	Not determined
Color:	White (black particles can occur)	Flammability:	None
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	5.0 - 7.5	Flash Point:	572°F (>300°C)
Boiling Point:	>662°F (>350°C)	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Water soluble
Density at 20°C:	Approx. 0.7	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	Not determined	Decomposition Temperature:	No data available
Viscosity:	Not determined	Explosive Properties:	None
Oxidizing Properties:	None	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	No data available.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Product is stable under normal conditions.

Incompatible Materials: None in particular.
Hazardous Decomposition Products: Product doesn't decompose under normal conditions.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Skin: Not irritant.
Eyes: Not irritant.
Respiratory: No data available.
Ingestion: (Rat, Oral) LD50 > 5000mg/kg (nontoxic).
Carcinogenicity: No data available.
Teratogenicity: No data available.
Germ Cell Mutagenicity: No data available.
Embryotoxicity: No data available.
Specific Target Organ Toxicity: No data available.
Reproductive Toxicity: No data available.
Respiratory/Skin Sensitization: No data available.
Corrosivity: None.
Sensitization: Not sensitizing.
CMR Effect: None.
CIR Status: None.

12 ECOLOGICAL INFORMATION

Ecotoxicity Not determined.
Aquatic Vertebrate: No data available.
Aquatic Invertebrate: No data available.
Terrestrial: No data available.
Persistence and Degradability: Readily biodegradable in water. Note: OECD 301D: Closed Bottle Test 95.5 % 28 days.
Bioaccumulative Potential: Not determined.
Mobility in Soil: Not determined.
PBT and vPvB Assessment: Not determined.
Other Adverse Effects: No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues: If possible, recover the product. Send to authorized disposal or burning plants under controlled conditions. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): The product is not classified as dangerous.
TDG (Transportation of Dangerous Goods, Canada): No data available.
IMDG (International Maritime Dangerous Goods): The product is not classified as dangerous.
IATA (International Air Transport Association): The product is not classified as dangerous.
ICAO (International Civil Aviation Organization): The product is not classified as dangerous.

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available.
Regulation (EC) No 2020/878: Not classified. The product does not need to be labeled in accordance with EC directives or respective national laws.

16 OTHER INFORMATION

Revision Date: 29-Jan-2026

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.