

Arrowroot Starch

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

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Supersedes: 08-Aug-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Arrowroot Starch	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Maranta Arundinacea (arrowroot) root extract	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	Not available	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.		
GHS Labeling:	No labelling is required in accordance with GHS directives.		
GHS Hazard Pictograms:	None.		
GHS Hazard Statements:	None.		
GHS Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: Direct contact with may cause irritation. Inhalation: No irritation expected when used under normal conditions. Skin: No irritation expected when used under normal conditions. Ingestion: Ingestion of large quantities may cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	0	Minimal
	Flammability	0	Minimal
	Reactivity	0	Minimal
	Specific Hazard	N/A	
	Health	0	Minimal
	Flammability	0	Minimal
	Physical Hazard	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Maranta Arundinacea (arrowroot) root extract	Not available	100%	Not Available

4 FIRST AID MEASURES

Eyes:	If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Seek medical attention if irritation persists.
Inhalation:	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
Skin:	Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
Ingestion:	If product is swallowed, call physician or poison center if you feel unwell. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable)	May be combustible at high temperatures. Use appropriate media (water spray, foam, halon,
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Extinguishing media:	carbon dioxide, dry chemical) for surrounding environment for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Avoid inhalation of fumes. Wear self-contained breathing apparatus (SCBA) and full protective clothing, including eye protection and boots. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.
Flash Points:	Not available.
Specific hazards arising from the chemical:	Not determined. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Use cautious judgment when cleaning up spill. 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:	Avoid liquid release into sewers/public water/soil. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	For small spills, collect material via broom or mop. Place in tightly sealed containers for proper disposal. Approach spill areas with caution. If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand, or other suitable non-reactive material. Dispose of absorbed material in accordance with the regulations. For large spills, place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with local, state, and/or federal regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep away from direct light. Store in a cool, dry location, in a sealed container in a well-ventilated area. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Arrowroot Starch	Not available	Not available	Not available

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:	Wear safety glasses.
Inhalation:	None require for properly ventilated areas. If necessary, use only respiratory protection authorized in the US, Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent US State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.
Body:	Chemical resistant gloves are recommended to prevent skin contact and full protective clothing.
Other:	Use with adequate ventilation. 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:	Solid	Vapor Pressure:	No data available
Odor:	No odor	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Non-flammable

Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	Insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	This product is not reactive.
Chemical Stability:	Stable under conditions of normal storage and use.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known.
Possible Hazardous Reactions:	None known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not expected to be an irritant.
Eyes:	May cause eye irritation with direct contact.
Inhalation:	Not expected to be an irritant.
Ingestion:	Large quantities may cause nausea, vomiting and diarrhea.
Carcinogenicity:	Ingredients within this product are not found on the following on Federal, OSHA Z, NTP, IARC, CAL/OSHA lists and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No specific information is available concerning the effects of this product and its components on the human reproductive system.
Sensitization:	This product is not expected to cause skin sensitization.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Release of this product is not expected to cause adverse effects in the environment.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	At present, there are no ecotoxicological assessments for this product.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	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 container.

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):	This product is not considered as dangerous goods.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	This product is not considered as dangerous goods.
IATA (International Air Transport Association):	This product is not considered as dangerous goods.
ICAO (International Civil Aviation Organization):	No data available.
ADR/RID/ADN (EU Land Transportation):	This product is not considered as dangerous goods.

15 REGULATORY INFORMATION

TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are exempted from listing.
SARA Reporting Requirements:	The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None.
SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.
CERCLA Reportable Quantity:	None.
Canada (DSL):	Components are DSL Listed, NDSL Listed and/or are exempt from listing.
CA Environmental Protection Act (CEPA):	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by those regulations.
Canada (WHMIS):	This product is classified per WHMIS Controlled Product Regulations.
EU Economic Community Information:	This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.
Australia (AICS):	Components of this product are listed on the International Chemical Inventory list.
Japan (MITI):	The components of this product are not Listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.
Japan (ENCS):	Listed.
Philippines (PICCS):	Listed.
Korea (KECI):	Listed.
California Prop 65:	This product does not contain ingredients on the Proposition 65 Lists.

16 OTHER INFORMATION

Revision Date:	06-Jun-2024
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 suitability & completeness of such information for his own particular use.