

Rice Starch

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

Revision Date: 27-Jun-2024
Supersedes: 22-Nov-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Rice Starch	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Oryza Sativa (rice) starch	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	9005-25-8	Web:	www.makingcosmetics.com
Formula:	(C6H10O5) _n	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Solid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: Observe good industrial hygiene practice.
 Wash hands after handling.
 Store away from incompatible materials.
 Dispose of waste and residues in accordance with local authority requirements.

Potential Health Hazards: Eyes: May be an irritant.
 Inhalation: Not expected to be an irritant.
 Skin: Not expected to be an irritant.
 Ingestion: May cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	2	Moderate
Flammability	0	Minimal
Reactivity	0	Minimal
Specific Hazard	N/A	

HMIS® Ratings:

Health	0	Minimal
Flammability	0	Minimal
Reactivity	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Oryza Sativa (rice) starch	9005-25-8	100%	Not Available

4 FIRST AID MEASURES

Eyes: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.

Inhalation: Move to fresh air. Seek medical attention if symptoms develop or persist.

Skin: Wash off with soap and water. Seek medical attention if irritation develops and persists.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Seek medical attention if symptoms occur.

First Aid Notes: Treat symptomatically. Coughing is listed as an acute and/or delayed symptom. Ensure medical personnel are aware of the material involved and take precautions to protect themselves.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) May be combustible at high temperatures. Use appropriate media (foam, powder, carbon)

extinguishing media:	dioxide (CO ₂) for adjacent fire. Do not use direct water jet as it will spread the fire.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Move containers from fire area if you can do so without risk. Follow standard procedure for chemical fires and consider the hazards of other materials.
Flash Points:	No data available.
Specific hazards arising from the chemical:	During fire, gases hazardous to health may be formed. No additional unusual fire or explosion hazards listed. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Keep unnecessary personnel away. 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/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe 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:	Store in a tightly closed container. 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>
Starch (9005-25-8)	5 mg/m ³	PEL (respirable fraction)	OSHA Z-1
	15 mg/m ³	PEL (total dust)	OSHA Z-1
	10 mg/m ³	TWA	ACGIH
	5 mg/m ³	TWA (respirable)	NIOSH
	10 mg/m ³	TWA (total)	NIOSH

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 with side protection shields or goggles.
Inhalation:	In cases of insufficient ventilation, wear dust mask with particle filter.
Body:	Wear chemical resistant gloves and full protective clothing. When handling hot material, wear appropriate thermal protective clothing.
Other:	There are no biological exposure limits noted for this ingredient. Good ventilation should be used and matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels at an acceptable level. 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:	Starch	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	No data available
Molecular Weight:	342.3 g/mol	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available

Boiling Point:	No data available	Specific Gravity:	0.12
Melting/Freezing Point:	No data available	Water Solubility:	Insoluble
Density:	1.0 lbs/gal; 0.12 g/ml	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:	Not explosive
Oxidizing Properties:	Not oxidizing	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability:	Material is stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Contact with incompatible materials.
Incompatible Materials:	Acids.
Hazardous Decomposition Products:	No hazardous decompositions products are known.
Possible Hazardous Reactions:	No dangerous reaction known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not known.
Skin:	No adverse effects due to skin contact are expected.
Eyes:	Direct contact with eyes may cause temporary irritation.
Inhalation:	No adverse effects due to inhalation are expected.
Ingestion:	Expected to be low ingestion hazard.
Carcinogenicity:	Due to partial or incomplete data, this classification is not possible. Not listed on IARC, OSHA, or NTP.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Due to partial or incomplete data, this classification is not possible.
Specific Target Organ Toxicity:	Due to partial or incomplete data, this classification is not possible.
Reproductive Toxicity:	Due to partial or incomplete data, this classification is not possible.
Skin Corrosion/Irritation:	Due to partial or incomplete data, this classification is not possible.
Serious Eye Damage/Irritation:	Due to partial or incomplete data, this classification is not possible.
Respiratory/Skin Sensitization:	Due to partial or incomplete data, this classification is not possible.
Aspiration Hazard:	Due to partial or incomplete data, this classification is not possible.
Further Information:	The product has no known adverse effect on human health.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on 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:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential endocrine disruption, global warming potential) are expected from this component.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. The waste code should be assigned in discussion between the user, the producer, and the waste disposal company. Users should review their operations in terms of the applicable federal/national or local regulations and consult with
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appropriate regulatory agencies, if necessary, before disposing of waste product.

Product Containers: Empty containers or liners may retain some product residues. Follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. 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):	Not regulated as dangerous goods.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated as dangerous goods.
IATA (International Air Transport Association):	Not regulated as dangerous goods.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed.
TSCA Section 12(b):	Not regulated.
OSHA:	This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard communication standard 29 CFR 1910.1200. Not listed under specifically regulated substances (29 CFR 1910.1001-1053).
CERCLA:	Not listed under the hazardous substance list (40 CFR 302.4).
SARA 304:	Not regulated under the emergency release notification.
SARA 302:	Not listed under extremely hazardous substance.
SARA 311/312:	Not listed under hazardous chemical.
SARA 313 (TRI Reporting):	Not regulated.
Clean Air Act (CAA):	Not regulated under section 112 hazardous air pollutants (HAP) list. Not regulated under section 112(r) accidental release prevention (40 CFR 68.130).
Clean Drinking Water Act:	Not regulated.
California Prop 65:	This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.p65warnings.ca.gov
Canada (DSL):	Listed.
Canada (NDSL):	Not listed.
EU (EINECS):	Listed.
EU (ELINCS):	Not listed.
China (IECSC):	Listed.
Australia (AICS):	Listed.
Japan (ENCS):	Listed.
Philippines (PICCS):	Listed.
Korea (ECL):	Listed.
Taiwan (TCSI):	Listed.
New Zealand (NZIoC):	Listed.

16 OTHER INFORMATION

Revision Date: 27-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.