



Safety Data Sheet Genistein

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Genistein

INCI Name: Genistein

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

GHS07

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Hazard Pictograms:



Signal Word: Warning

Hazard Classification: Considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard Category: ACUTE TOXICITY (Oral) - Category 4.

Hazard Statements: H302: Harmful if swallowed.

Precautionary Statements: Read label before use. Keep out of reach of children. If medical advice is needed, have product or container at hand. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling. If swallowed, call a POISON CENTER or physician if you feel unwell. Rise mouth.

Other Hazards: None



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Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Genistein	ACUTE TOXICITY (Oral) - Category 4.	446-72-0	100%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16

Section 4: First Aid Measures

Notable Exposure symptoms: Harmful if swallowed. No known significant effects or critical hazards for eye or skin contact, or inhalation. Physicians: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

If ingested: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin contact: Flush contaminated skin with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 5: Fire Fighting Measures

General Info: Wear self-contained breathing apparatus and protective clothing.

Extinguishing Method / No special requirements: water spray, carbon dioxide, dry chemical powder, or an

Equipment: appropriate foam. In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous Decomposition Info: Burning can produce carbon monoxide, carbon dioxide.



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Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Containment/Cleanup Equipment and Procedures: Small Spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large Spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7: Handling and Storage

Safe Handling Precautions: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Follow good industrial hygiene procedures.

Recommendations for Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Specific End Use(s): No information.



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Section 8: Exposure Control / Personal Protection

Control Parameters: None.

General / Engineering Controls: General mechanical ventilation is acceptable.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Thermal Hazards: No data available

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



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Section 9: Physical and Chemical Properties

Physical State: Solid
Appearance: Powder
Color: Light yellow
Odor: Characteristic
Odor Threshold: No data available
pH: N/A
Melting Point: > 280C
Freezing Point: N/A
Boiling Point: N/A
Flash Point (COC): N/A
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Evaporation Rate: Not applicable
Vapor Pressure: Not applicable
Explosive Limits: Not available
Vapor Density: Not applicable
Specific Gravity: No data available
Water Solubility: No data available
Viscosity (cP): Not applicable
Explosion Properties: Not available
Oxidizing Properties: Not determined
Partition coefficient: Not available
Other information: None

Section 10: Stability and Reactivity

Reactivity: No data available.
Chemical Stability: Stable
Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Reactions:
Conditions to Avoid: No data available.
Incompatible Materials: No data available.
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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Section 11: Toxicological Information

Acute Toxicity: Harmful if swallowed.

Irritation: Not available

Corrosivity: Not available

Sensitization: Not available

Repeated Dose Toxicity: Not available

Carcinogenicity: No known significant effects or critical hazards

Mutagenicity: No known significant effects or critical hazards

Toxicity for reproduction: No known significant effects or critical hazards

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Aquatic Toxicity: No data available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: Not determined

Results of PBT and vPvB Assessment: Not determined

Other Adverse Effects: No known significant effects or critical hazards



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Section 13: Disposal Information

Product disposal: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Container disposal: Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:				
UN Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class(es):				
Packing Group:				
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable



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Section 15: Regulatory Information

US TSCA: TSCA 8(a) CR exemption - not determined. TSCA 8b: All components are listed or exempted.

Clean Air Act section 112(b) Listed
hazardous air pollutants

Clean Air Act section 602 Class I
& II substances Not listed

DEA Listed I & II Chemicals Not listed

SARA 302/304 No products found

SARA 311/312 Classification Immediate (acute) health hazard

US states No components listed in MA, NY, NJ, PA

Intl Regulations Not listed on Chemical Weapons Convention schedules I, II, & III, Montreal Protocol, Stockholm Convention on Persistent Organic Pollutants, Rotterdam Convention on Prior Inform Consent, or UNECE Aarhus Protocol on POPs and Heavy Metals

Australia All components are listed or exempted.

Canada At least one component is not listed in DSL but all such components are listed in NDSL.

China All components are listed or exempted.

Europe Not determined

Japan All components are listed or exempted.

Malaysia Not determined

New Zealand All components are listed or exempted.

Philippines Not determined

Republic of Korea All components are listed or exempted.

Taiwan Not determined

Chemical Safety Assessment: No data available



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Section 16: Other Information

Indication of Changes: Version 1 created June 20, 2016

HMIS: Health 2, Flammability 0, Physical Hazards 0.

List of Relevant R-phrases H302: Harmful if swallowed.
(number and full text):

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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